REXWORKS

MANUAL NO. 448R
MODEL SELF PROPELLED
VIBRATORY ROLLER
(R 870)

SERVICE MANUAL

BULLETIN NO. 448R
Revised May, 1970

Hydraulic Components

Exciter Hydraulic System..... 448R-16
Hydraulic Motor - Exciter Drive..... 448R-18-19
Hydraulic Pump - Exciter Drive..... 448R-20-21
Hydrostatic Motor..... 448R-30-31
Hydrostatic Pump..... 448R-1
Steering Control Unit..... 448R-24-25
Steering Cylinder..... 448R-23
Steering Hydraulic System..... 448R-40
Steering Pump..... 448R26-27
Traction Drive Hydraulic System..... 448R-28-29
Unloading Valve - Exciter Drive..... 448R-22

Miscellaneous

Controls..... 448R-8-9
Frame & Scrapers..... 448R-6-7
Instruction & Name Plates..... 448R-42
Instrument Cluster..... 448R-6-7
Instrument Panel..... 448R-8-9
Lighting Diagram..... 448R-6-7
Main Frame..... 448R-38-39
Optional "Cold Weather Start Battery"..... 448R-41
Roller Frame - Articulating Joint..... 448R-12-13
Vibratory Roll..... 448R-14-15
Wheels & Tires..... 448R-6-7

Power Unit & Adjuncts..... 448R2-5 & 11

Traction Drive Axle..... 448R-32 thru

INSTRUCTIONS FOR ORDERING PARTS

Order repair parts from your Rex distributor. Specify quantity, part number and name of part. Do not order by reference number or state quantity wanted in terms of sets or pairs.

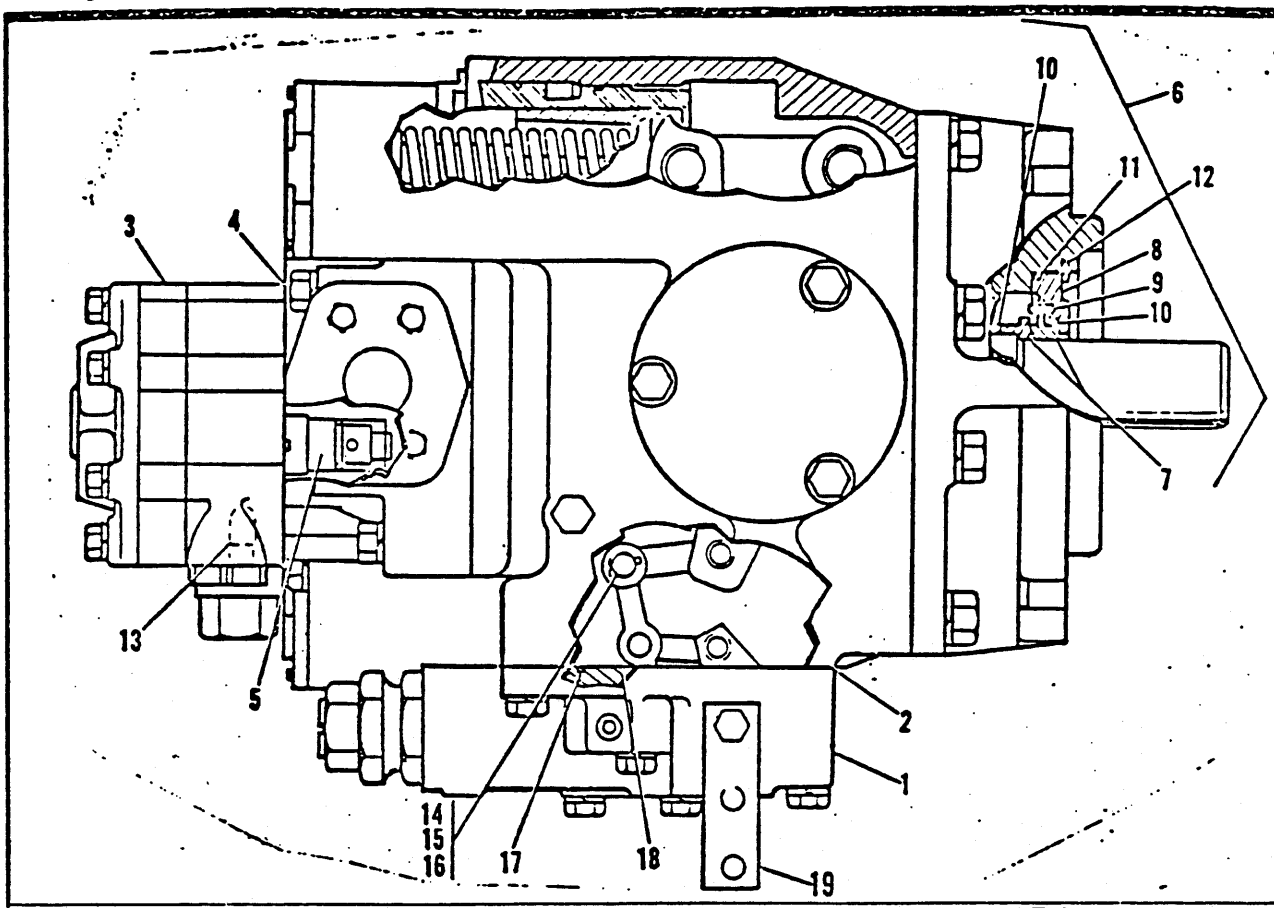
Always give serial number of machine. This is very important. The serial number is stamped on manufacturers' plate which is attached to the frame of machine.

Be particular to give complete shipping address mentioning town, county, and state. Also give billing instructions and address. Tell whether to ship via parcel post, express, air express, or freight.

DAMAGE CLAIMS

When broken goods are received, a full description of the damage should be made by the carrier agent on the freight bill. If this description is insisted on, full damage can always be collected from the transportation company.

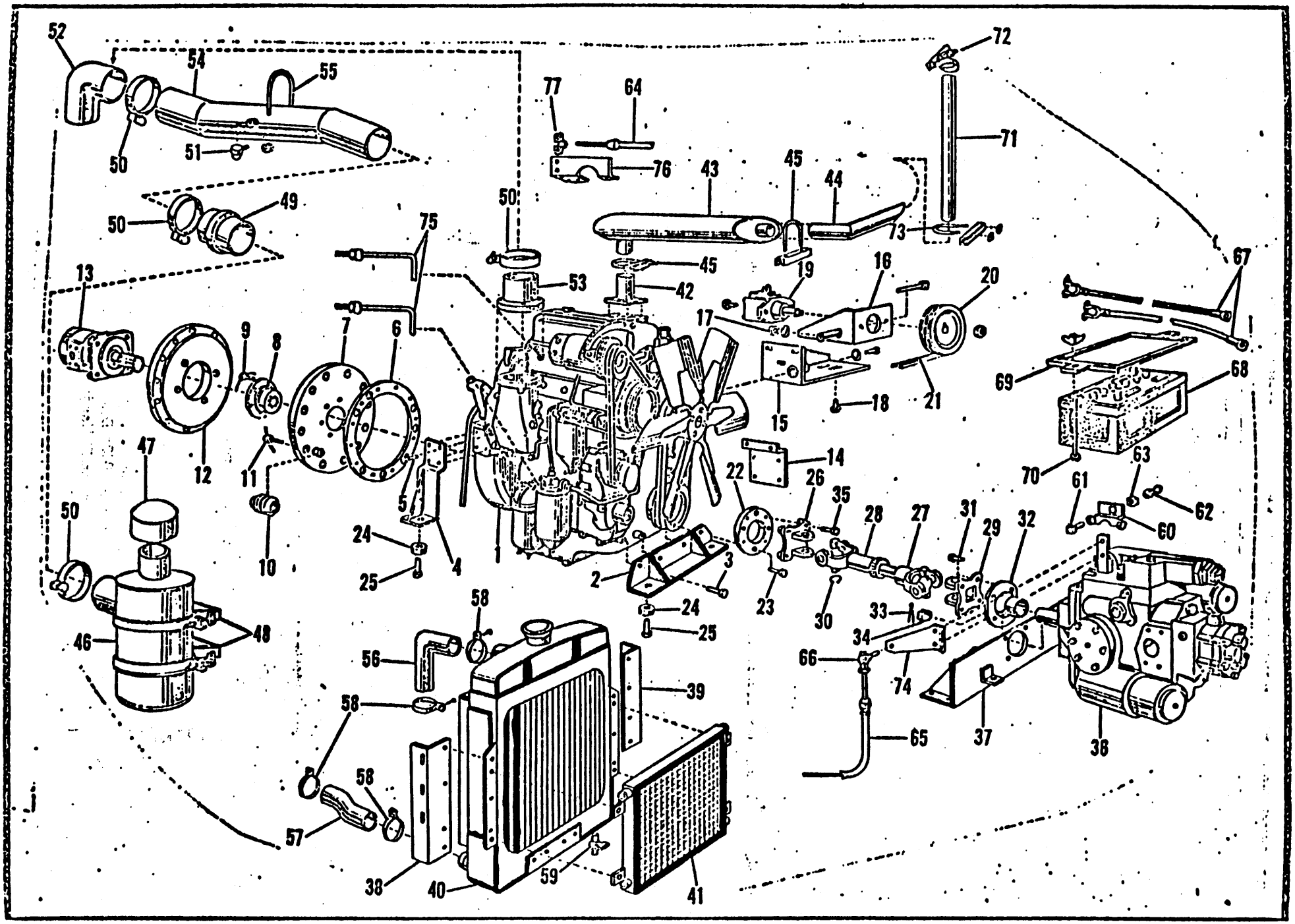
We assume no responsibility for delay or damage to merchandise while in transit. Our responsibility ceases upon delivery of shipment to the transportation company, from whom a receipt is received showing that shipment was in good condition and properly packed when delivered to them; therefore, claims for parts lost or broken in transit should be made BY YOU to the transportation company.



HYDROSTATIC PUMP – TRACTION DRIVE
SUNDSTRAND MODEL NO. 22–2050 – REX PART NO. 102–7722–1
OR
SUNDSTRAND MODEL NO. 22–2052 – REX PART NO. 102–8346–1

Item No.	Part Number	Description	No. Req'd.
1	102-4365-4	Control Valve (*9800893)	1
2	102-4365-6	Gasket – Control Valve (*9800138)	1
3	102-4365-7	Charge Pump (*9800629-04)	1
4	102-4365-11	Gasket – Charge Pump (*9220327)	1
5	102-4365-12	Check Valve (*9800648)	1
6	102-4365-1	Seal Kit (*9510022) Consists of Items 7 thru 11 Inclusive	1
7	*9210247	Shaft Seal	1
8	*9210248	Housing Seal Retainer	1
9	*9220242	Seal Spring	6
10	*9004102	"O" Ring	2
11	*9004100-2340	"O" Ring	1
12	102-4365-47	Retaining Ring (*9006320-0025)	2
13	102-4365-52	Charge Pump Relief Valve Poppet (*9800597)	1
14	102-4365-48	Cotter Pin (*9004600-0607)	1
15	102-4365-49	Pin (*9220441)	1
16	102-4365-50	Washer (*9009610-2850)	1
17	102-4365-51	"O" Ring (Orifice) (*9004101-0140)	3
18	102-4365-24	Orifice (.042" Dia.) (*9800432)	1
19	102-4365-46	Control Shaft Handle (*9800690)	1

*Sundstrand Corp. part numbers.



Specify Quantity, Part Number and Description When Ordering

Always Give Serial Number of Machine

POWER UNIT AND ADJUNCTS
MUFFLER – AIR CLEANER – RADIATOR & HOSES
TRACTION AND EXCITER DRIVE HYDRAULIC PUMPS

Item No.	Part Number	Description	No. Req'd.
1	102-8358-1	Diesel Engine – General Motors Corp. Series 3-53 Model 5033-7201 with the following features: (See Engine Parts Book)	1
	- - - - -	S.A.E. #4 Flywheel for use with Rockford 11TT Clutch	
	- - - - -	S.A.E. #4 Flywheel Housing	
	- - - - -	Governor – Variable Speed with Closed Linkage set at 2400 F.L. and approx. 2600 N.L.	
	*6K1-469	Fan - 18" Dia. Suction – 5 Blade	
	- - - - -	Fan Belt for Fan Mounted 12" above Engine centerline	
	- - - - -	Air Inlet Housing for Remote Mounted H.D. Air Cleaner	
	- - - - -	Lube Oil Filter, F.F. Mounted on Oil Cooler	
	- - - - -	Exhaust Manifold, Center Vertical Outlet	
	- - - - -	Water Connections less Radiator Connection	
	- - - - -	Battery Charging Generator 12 Volt 25 Amp.	
	- - - - -	Starting Motor 12 Volt (Sprag.)	
	- - - - -	Oil Pan, Shallow, For 10° Operation	
	- - - - -	Oil Pan Dipstick for 10° Pan	
	- - - - -	Breather on Flywheel Housing	
	- - - - -	Plain Rocker Cover with Oil Filler on Side	
	- - - - -	Injectors, S45	
	- - - - -	Exhaust Outlet Flange – 3" Pipe Thds.	
	- - - - -	Oil Cooler – Engine only	
	*5126687	C.S. Pulley – 2 Groove – Cone Drive (*6K1A-153)	

Item No.	Part Number	Description	No. Req'd.
1	102-7774-1	Diesel Engine (Cont'd.)	
	- - - - -	Tachometer Drive Mounted on R.H. Balance Shaft when viewing Engine from Flywheel End 90° Adapter – 1 to .500 Ratio giving a Cable Speed of twice Engine Speed	
	*5124405	Gasket – Air Inlet Housing	
	*5186687	Name Plate (Emergency Shut-down)	
	*5184255	Name Plate (Pull to Stop)	
	*1110955	Voltage Regulator	
2	502-4399-80	Front Support – Engine	1
3	- - - - -	Cap Screw 7/16" x 1¼" with L.W.	2
	- - - - -	Cap Screw ⅜" x 1½" with Nut & L.W.	2
4	502-4257-81	Support – Rear (As Illustrated)	1
	502-4257-80	Support – Rear (Opposite of Illust.)	1
5	- - - - -	H.C.-H.T. Cap screw ½ x 1¼" w/L.W.	4
6	102-3283-1	Adapter – Flywheel	1
	- - - - -	Nyloc Cap Screw ⅜" x 1" - Socket Head	6
7	102-5164-1	Drive Plate	1
8	402-624-4	Hub – Drive Plate	1
9	102-7362-1	Drilled Cap Screw with 5/16" L.W.	6
10	102-7361-1	Joint – Center Bonded	12
11	102-7360-1	Drilled Cap Screw	12
12	102-3666-1	Adapter Plate – Gear Pump	1
	- - - - -	Cap Screw ⅜" x 1" with L.W.	12
13	102-7883-1	Hydraulic Pump – Exciter Drive (Commercial Shearing & Stamping #P25X-178-BERS-12-7) (See Separate Illustration)	1
	- - - - -	Cap Screw ½" x 1¼" with L.W.	4
14	102-3694-1	Bracket – Mount – Voltage Regulator	1
	- - - - -	Cap Screw ⅜" x 1" with L.W.	2
15	502-2735-80	Bracket – Steering Pump	1
16	502-2736-80	Bracket – Steering Pump	1
17	- - - - -	Hex Nut & Cut Washer ½"	1

POWER UNIT AND ADJUNCTS

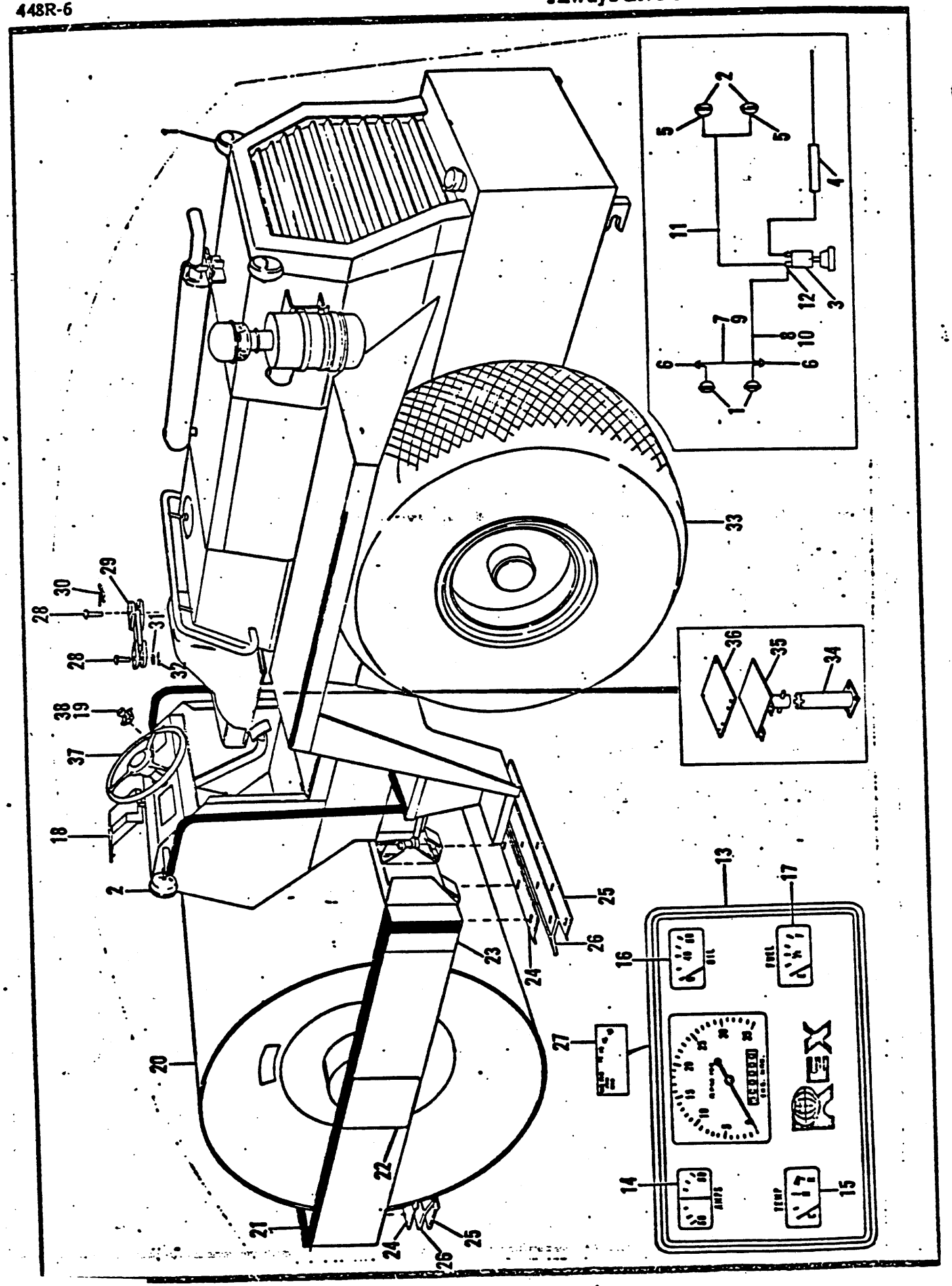
MUFFLER – AIR CLEANER – RADIATOR & HOSES

TRACTION AND EXCITER DRIVE HYDRAULIC PUMPS (Cont'd.)

Item No.	Part Number	Description	No. Req'd.
18	- - - - -	Cap Screw ⅜" x 1" with L.W.	4
	- - - - -	Cap Screw ½" x 1¾" with L.W.	4
19	102-7949-1	Hydraulic Pump (Steering) (Vickers #VTM42-60-75-15-MD-R1-12) (See Separate Illustration)	1
20	102-3675-1	Sheave	1
21	298-7067-91	"V" Belt (Maurey #3V375)	1
22	102-3680-1	Adaptor – Flange Yoke	1
23	- - - - -	Nyloc Socket Head Cap Screw ⅝" x 1"	4
24	298-5515-68	Mounting Bushing	4
25	- - - - -	Cap Screw ½" x 2½" with Nut, L.W. & C.W.	4
26	X203740	Flange Yoke	1
27	X203761	Shaft Yoke	1
28	102-7036-1	Sleeve Yoke	1
29	X203765	Flange Yoke	1
30	X203741	Snap Ring	4
31	298-41-93	Special Cap Screw ⅜" x 1" with L.W.	4
32	102-7723-1	Companion Flange	1
33	- - - - -	Cotter Pin ⅛" x 2"	1
34	102-7725-1	Slotted Nut 1" - 20 U.N.F.	1
35	- - - - -	H.C.-H.T. Cap Screw ⅞" x 1½" with Nut & L.W.	4
36	102-7722-1	Hydrostatic Pump – Traction Drive (Sundstrand Model 22-2050) (See Separate Illustration)	1
	- - - - -	Cap Screw ½" x 1½" with Nut & L.W.	4
	502-4398-80	Bracket – Hydraulic Pump	1
37	- - - - -	Cap Screw ½" x 1½" with C.W.	4
	298-2010-71	Lock Nut ½"	4
38	102-3723-1	Mounting Bracket	1
	- - - - -	Cap Screw ⅜" x 1" w/Nut, L.W. & C.W.	6
39	102-3723-2	Mounting Bracket	1
	- - - - -	Cap Screw ⅜" x 1" w/Nut, L.W. & C.W.	6
40	102-6518-1	Radiator	1
41	102-3718-1	Oil Cooler	1
	- - - - -	Cap Screw ⅞" x 1" w/L.W.	4
42	502-2738-80	Adaptor – Exhaust	1
43	298-5149-92	Muffler – Exhaust	1
44	298-5153-92	Elbow – Exhaust	1
45	298-205-47	Muffler Clamp	2
46	102-8103-1	Air Cleaner	1
47	298-5127-92	Cap – Air Cleaner	1
48	298-5126-92	Mounting Band	2
49	298-5091-92	Straight Hump – Air Cleaner	1
50	298-9016-86	Hose Clamp	4
51	298-6509-68	Indicator – Air Cleaner	1
52	298-5092-92	Elbow 4" x 90°	1
53	502-2781-80	Adaptor Tube	1
54	502-2780-80	Tube – Air Cleaner	1
55	298-216-47	Tube Clamp	1
56	102-3289-1	Hose – Upper – Radiator	1
57	298-5573-68	Hose – Lower – Radiator	1
58	298-9005-86	Hose Clamp	4
59	298-20-98	Drain Cock – Radiator	1
60	502-2157-80	Bracket – Stop – Pump	1
61	- - - - -	Square Head Set Screw ⅜" x 1½"	2
	- - - - -	Hex Nut ⅜"	2
62	298-6085-17	Switch – Neutral Start	1
63	102-6973-1	Special Nut	1
64	102-7245-8	Control Cable – Throttle	1
65	102-7554-2	Control Cable – Direction	1
66	X202821	Ball Joint (¼ - 28)	1
67	102-8523-1	Battery Cable (73")	1
	102-8523-2	Battery Cable (30")	1
68	298-3294-17	Battery – 65 Amp. Hr.	1
69	298-252-47	Frame with Clamp (Battery)	1
70	- - - - -	Carriage Bolt ⅞" x 10" w/Nut & L.W.	2
71	298-5154-92	Exhaust Extension	1
72	298-5155-92	Weather Cap	1
73	298-205-47	Clamp – Exhaust	1
74	502-2754-80	Lever – Pump Control	1
75	502-2786-80	Hose – Fuel Line – Return	1
	502-2787-80	Hose – Fuel Line – Inlet	1
76	102-3693-1	Bracket – Cable Mount	1
77	298-146-47	Clamp - Throttle cable	1
	298-30-47	Clamp - Throttle cable	1

POWER UNIT AND ADJUNCTS
MUFFLER – AIR CLEANER – RADIATOR & HOSES
TRACTION AND EXCITER DRIVE HYDRAULIC PUMPS (Cont'd.)

Item No.	Part Number	Description	No. Req'd.
		Miscellaneous parts not illustrated	
	298-2066-56	Oil pressure sending unit	1
	298-2067-56	Water temperature sending unit	1
	298-92-47	Ether cup	1
	- - - - -	Street elbow 1/8" x 90- (for ether cup)	1
	298-2071-62	Adapter-90-(inlet line to fuel filter)	1
		*General Motors Corp. part numbers – see Engine Parts Book.	

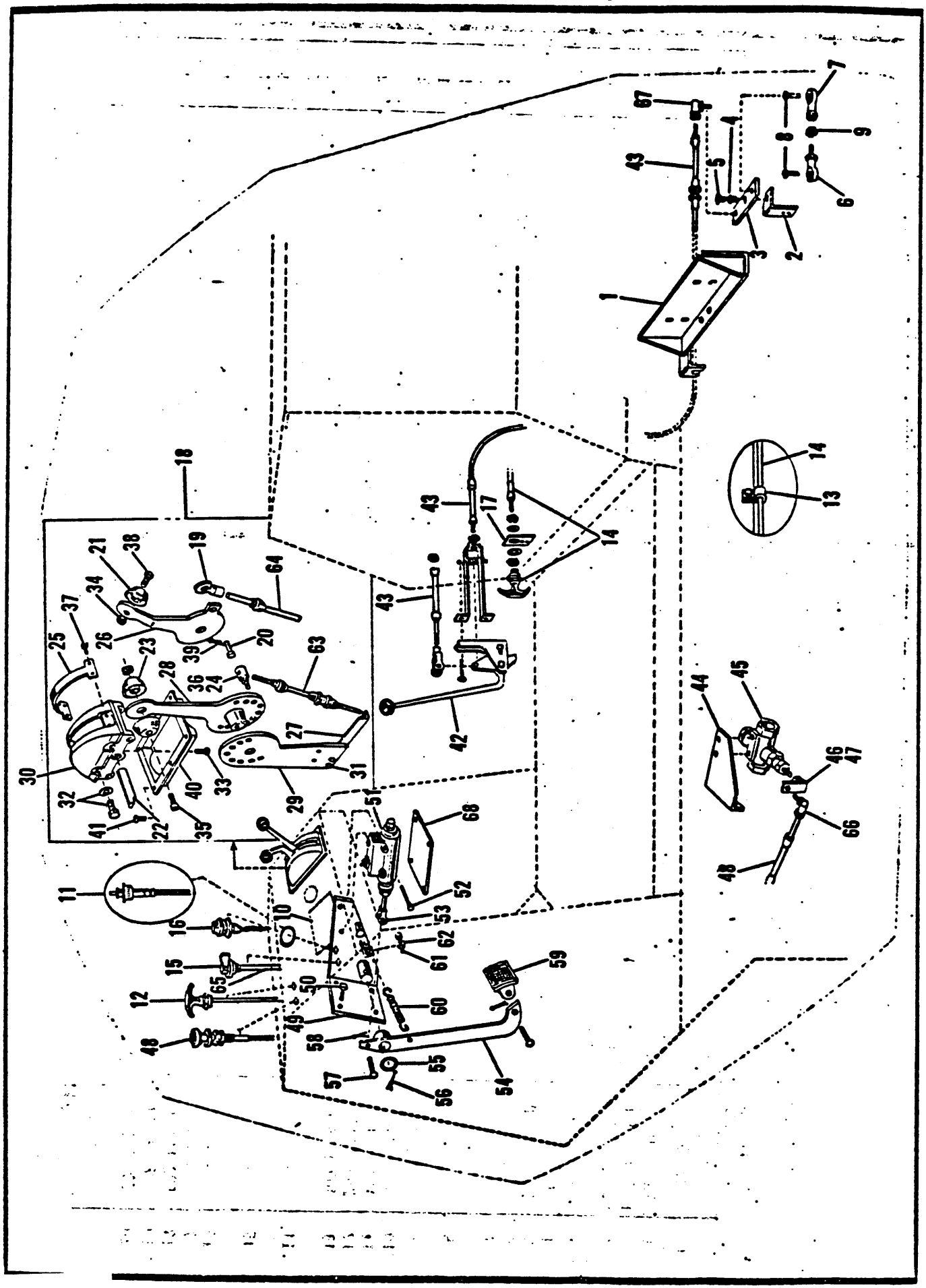


Specify Quantity, Part Number and Description When Ordering

INSTRUMENT CLUSTER – LIGHTING DIAGRAM – ROLL – FRAME & SCRAPERS – DRIVE WHEELS & TIRES – REX SELF PROPELLED VIBRATORY ROLLER

Item No.	Part Number	Description	No. Req'd.
1	298-12015-17	Lamp Assembly (GMC #910900)	2
	298-12014-17	Lamp Assembly (GMC #923-40)	2
2	298-12043-17	Seal Beam Replacement Unit (GM #5953035)	–
3	298-6019-17	Switch – Two Position	1
4	502-173-80	Wire Assembly & Fuse	1
5	298-5526-68	Grommet – ½" I.D.	2
6	298-53-17	Wire Nut #74B	2
7	- - - - -	Wire – (#12 Gauge - Automotive x 2'-6" Long)	1
8	- - - - -	Wire (#12 Gauge - Automotive x 1' Lg.)	1
9	- - - - -	Electric Loom ¼" I.D. x 2'-2" Lg.	1
10	- - - - -	Electric Loom ¼" I.D. x 10" Lg.	1
11	102-3821-1	Wire Set	1
12	298-26010-17	Terminal Wire	1
13	102-4375-1	Instrument Cluster (Includes Items 14 Thru 17 Assembled)	1
14	- - - - -	Gauge – Amps (Stewart Warner 440436)	1
15	- - - - -	Gauge – Temperature (Stewart Warner 442784)	1
16	- - - - -	Gauge – Oil (Stewart Warner 444642)	1
17	- - - - -	Gauge – Fuel (Stewart Warner 441343)	1
18	502-4406-80	Cover – Instrument Panel	1
19	298-278-47	Knob – Steering Wheel	1
20	602-5925-1	Vibratory Roll Assembly – Reference Only – (See Separate Illustration for Details)	1

Item No.	Part Number	Description	No. Req'd.
21	502-7087-80	Frame for Vibratory Roll	1
22	102-4518-1	Cover – Roll Shaft	2
23	102-3655-1	Cover – Frame End	2
24	102-3818-1	Top Bar – Scraper	2
25	102-3819-1	Bottom Bar – Scraper	2
26	102-3820-1	Rubber Scraper	2
27	102-8368-1	Decal – Frequency	1
28	502-2881-80	Pin – For Safety Link – Steering Lock	2
29	502-2870-80	Safety Link – Steering Lock	1
30	298-131-47	Hair Pin – Steering Lock	1
31	- - - - -	Cut Washer 1½"	1
32	- - - - -	Cotter Pin 5/16" x 2½"	1
33	502-5995-80	Wheel – For 23.1/18-26 Traction Tire	2
	298-6023-68	Inner Tube 23.1/18-26 with TR150CW Hand Bendable Rubber Valve	2
	298-6014-68	Tire – 8 Ply 23.1/18-26 All Weather – A.W. Thread – Code R-3	2
	298-5534-68	Plug – Valve Hole (PG #1 or #221)	2
34	502-2247-80	Post – Seat Support Mounting	1
35	502-4485-80	Support – Operator's Seat	1
36	502-2822-80	Plate – Seat Mounting	1
37	102-8077-1	Orbitrol Steering Unit – (See Separate Illustration)	1
38	- - - - -	Cadmium Plated Carriage Bolt ¼" x ¾"	2



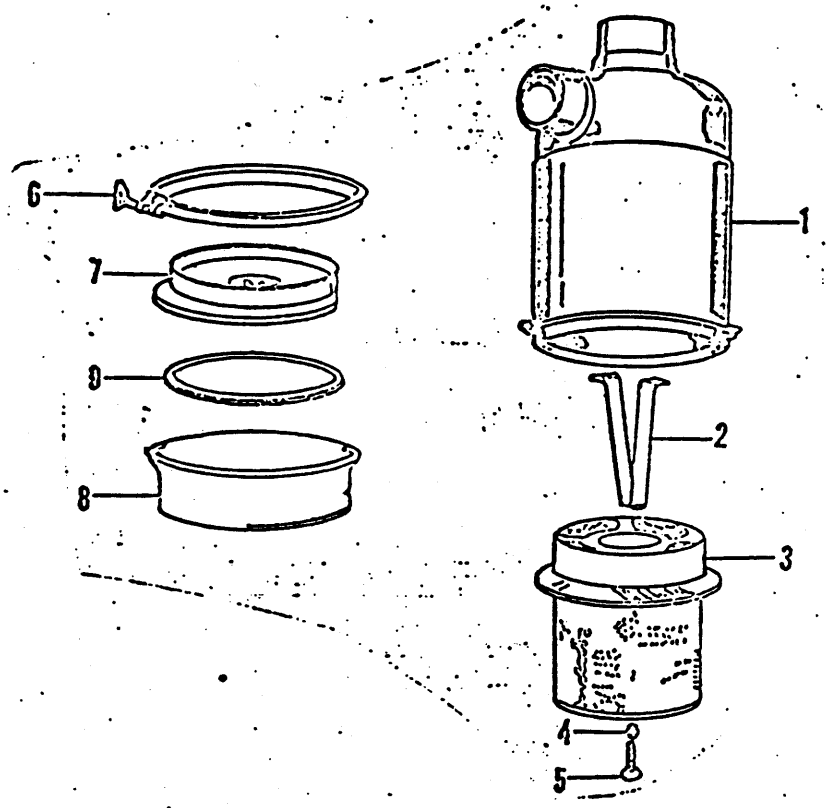
Specify Quantity, Part Number and Description When Ordering

INSTRUMENT PANEL AND CONTROLS
EXCITER – FORWARD OR REVERSE – BRAKE
TWO SPEED TRACTION – TRACTION WHEEL & TIRE

Item No.	Part Number	Description	No. Req'd.
1	502-4456-80	Bracket – Two-Speed Support	1
2	102-3668-1	Bracket – Two-Speed Shift	1
3	102-3669-1	Lever – Two-Speed Shift	1
4	298-241-2	Bearing – Flanged Nylon	1
5	298-8014-4	Shoulder Bolt	1
6	298-5075-92	Rod End – Male (Spherco No. FRE-6)	1
7	298-123-2	Rod End – Female (Spherco No. TR6)	1
8	- - - - -	Cap Screw ⅜" x 1½" w/Nut, L.W.&C.W.	2
9	298-2011-71	Lock Nut ⅜" U.N.F.	1
10	102-4375-1	Instrument Cluster (Amps. – Temp – Tach. – Oil – Fuel) – (See Separate Illustration for Details)	1
11	102-3302-4	Flexible Shaft – Tachometer	1
12	102-7957-1	Cable – Pull to Stop (Series 20)	1
13	298-9032-86	Clamp (Kickhaefer #COV-0413)	1
14	102-7957-2	Cable – Emergency Stop	1
15	298-6068-17	Lock Switch – Ignition (Cole Hersee Co. #95522A)	1
16	298-6067-17	Push Button Starter Switch (Cole Hersee Co. #9216)	1
	102-7958-1	Clamp – Conduit (Not Illustrated)	2
17	102-8022-1	Mounting Bracket (Emergency Stop Cable)	1
18	102-8099-1	Control Assembly – Throttle & Travel (Morse Controls Inc. #E44920 – Consisting of Items 19 thru 39 Incl.)	1
19	*A31980	Cable Fitting	1
20	*A32023	Pin – Lever	1
21	*A41485-2	Knob – Red	1
22	*A43698	Shaft	1
23	*B43671	Knob – Handle	2
24	*B44720	Trunnion – Shift (40 Series)	1
25	*B48509	Gate Plate	1
26	*B48871	Lever Assembly (Forward - Reverse)	1
27	*B48894	Support – Cable	1
28	*D43274	Lever Assembly (Throttle)	1
29	*D43683	Adaptor Plate	1
30	*E43696	Housing	1
31	- - - - -	Screw – Hex Head ¼" - 28 x ½" Lg.	2
	- - - - -	Washer – Split Lock ¼"	2
32	- - - - -	Screw – Hex Head ⅜" - 24 x ⅝"	2
	- - - - -	Washer – Internal Tooth ⅜"	2
33	- - - - -	Screw – Filister Head Machine #10-24 x ½" Lg.	1
34	- - - - -	Nut – Hex 5/16" - 18	1
35	- - - - -	Screw – Phillips Fil. Hd. 5/16" - 18 x 1⅛" Lg.	1
36	52NTE054	Elastic Stop Nut (For Item #24 – Not Illustrated)	1
37	- - - - -	Screw – Phillips Truss Hd. #10-24 x 5/16" Lg.	4
38	- - - - -	Screw – Phillips Truss Hd. – Self-Tapping #10 x ⅝" Lg.	1
39	- - - - -	Cotter Pin 3/32" x ½" Lg.	1
40	102-8100-1	Mounting Flange (Morse #46595) (Not Included in Item #18)	1
41	- - - - -	Flat Head Machine Screw ¼" x ½"	6
42	102-7963-1	Control (Two Speed Shift) (Morse #D48996)	1
43	102-7244-15	Control Cable (Morse Series 60 #63B66)	1
44	102-3733-1	Bracket – Valve Cable – Exciter	1
45	102-8090-1	Hydraulic Unloading Valve – Exciter Control (Eaton Electro Hydraulic Div. #R1264-011)	1
46	502-2792-80	Control Lever – Exciter Valve	1
47	- - - - -	Cone Point Set Screw ¼" x ⅝" (Nyloc) – (Lever Stop Adjustment)	2
48	102-8104-1	Cable (Morse Series 30 #D38033) (Exciter Control)	1
49	502-4460-80	Support – Brake Cylinder	1
50	- - - - -	Cap Screw ⅜" x 1" w/Nut & L.W.	4

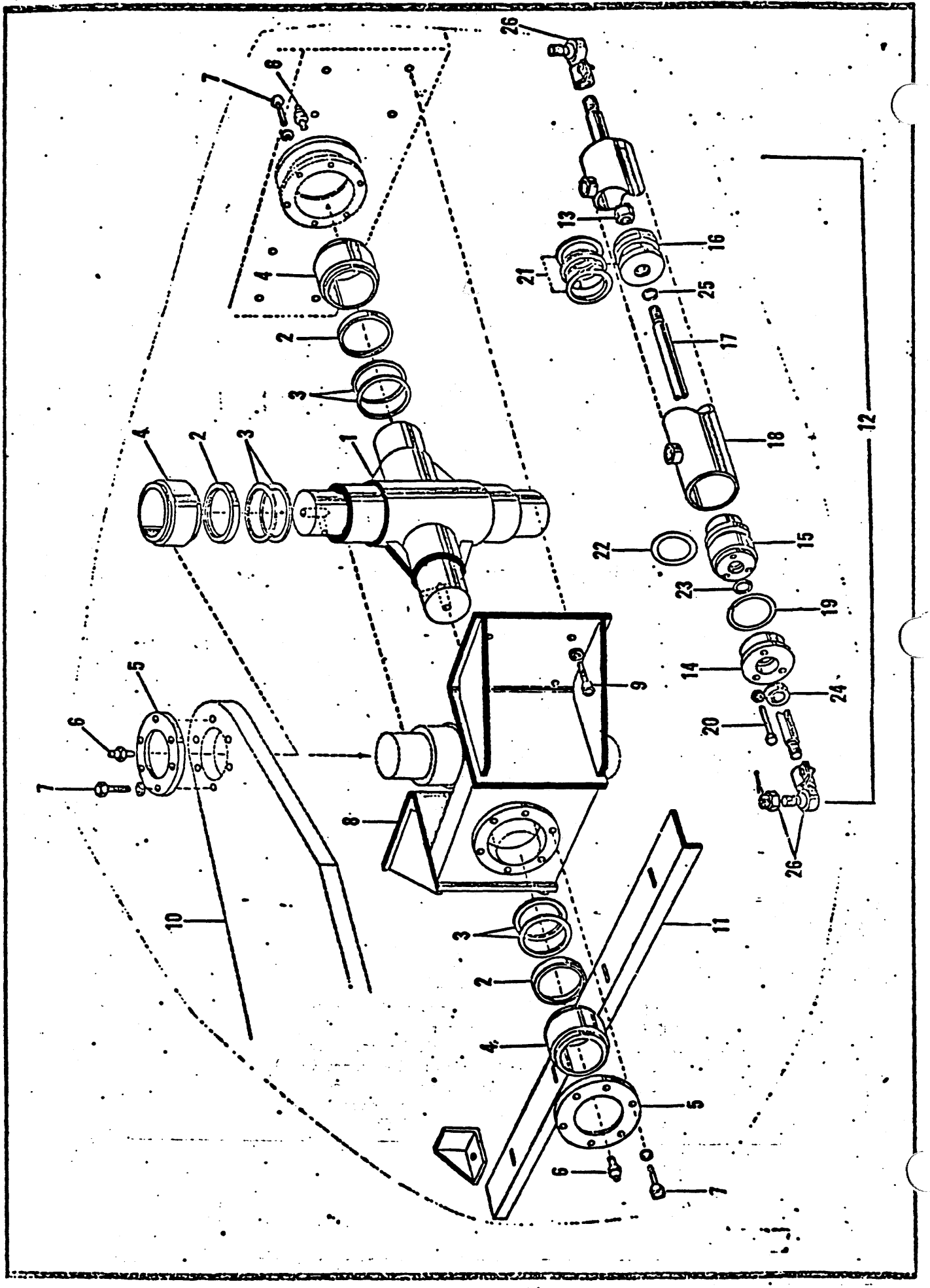
INSTRUMENT PANEL AND CONTROLS
EXCITER – FORWARD OR REVERSE – BRAKE
TWO SPEED TRACTION – TRACTION WHEEL & TIRE (Cont'd.)

Item No.	Part Number	Description	No. Req'd.
	102-8109-1	Master Brake Cylinder (Wagner #FE3086)	1
	102-8109-12	Repair Kit for Master Brake Cylinder (Wagner #F11301)	1
	298-5019-92	Connector Bolt (Not Illustrated)	1
	298-5020-92	Brake Cylinder Connection (Not Illust.)	1
	298-2129-62	Frame Tee & Distributor Connector – Brake Lines (Not Illustrated)	1
	2985017-92	Copper Gasket (Not Illustrated)	1
51	298-5018-92	Copper Gasket (Not Illustrated)	1
	502-2306-83	Brake Line – Copper 72" Lg. (Not Illustrated)	1
	502-2306-84	Brake Line – Copper 96" Lg. (Not Illustrated)	1
	298-5580-68	Brake Hose 5/16" I.D. x 5 1/4" Lg. (Not Illustrated)	1
	298-5581-68	Brake Hose 5/16" I.D. x 19 29/32" Lg. (Not Illustrated)	1
	- - - - -	Cap Screw 1/4" x 3 1/2" U.N.C.	2
52	298-2012-71	Lock Nut 1/4" U.N.C.	2
53	102-1991-1	Yoke End	1
54	502-2791-80	Lever – Brake Pedal	1
55	- - - - -	Cut Washer 1"	1
56	- - - - -	Cotter Pin 1/8" x 2"	1
57	298-80-47	Clevis Pin	1
58	- - - - -	Cotter Pin 3/32" x 3/4"	1
59	402-1596-2	Pad – Brake Pedal	1
60	102-1891-1	Spring – Brake Lever	1
61	- - - - -	Set Screw 5/16 x 2"	1
62	- - - - -	Hex Nut 5/16"	1
63	102-7245-8	Control Cable – Throttle (Morse Series 30 #33BC180)	1
64	102-7554-2	Control Cable – Direction (Morse Series 40 #43B180)	1
65	203027-2	Wire – Amp to Ignition Switch	1
66	298-263-47	Ball Joint #10-32 and 1/4-28	2
67	X203049	Ball Joint 5/16"-24	1
68	102-7945-1	Cover – Master Cylinder	1



AIR CLEANER
CYCLOPAC F.W. SERIES
REX PART NO. 102-8103-1
DONALDSON CO., INC. #FWA10-0017

Item No.	Part Number	Description	No. Req'd.
1	- - - - -	Body Assembly (Reference Only)	1
2	- - - - -	Yoke (Reference Only)	1
3	102-8103-2	Element Assembly (*P10-1234)	1
4	102-8103-3	Gasket Washer	1
5	- - - - -	Thumb Screw (Reference Only)	1
6	- - - - -	Clamp Assembly (Reference Only)	1
7	- - - - -	Baffle Assembly (Reference Only)	1
8	- - - - -	Cup Assembly (Reference Only)	1
9	102-8103-4	Cup Gasket (*P18663)	1

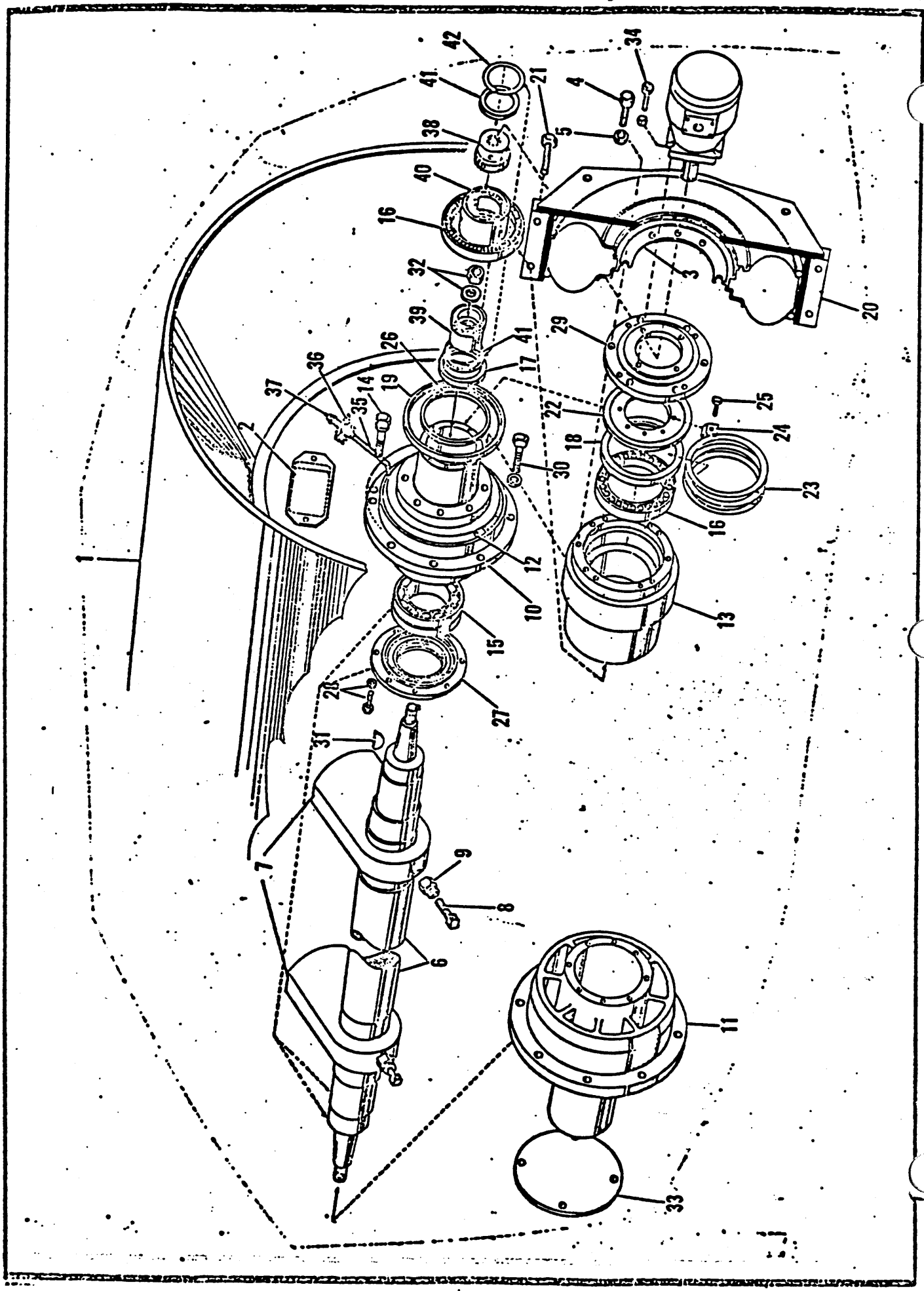

26
7
8
13
16
21
25
4
17
2
3
18
12
4
2
3
1
22
15
23
19
14
24
20
5
9
6
7
8
10
3
11
2
4
5
6
7
26

ARTICULATING JOINT – STEERING CYLINDER
ROLLER FRAME – SCRAPER

NOTE - Due to availability machine may be equipped with Lantex Hydraulics series BL steering cylinder - see seperate illustration.

Item No.	Part Number	Description	No. Req'd.
1	502-4395-80	Cross Shaft	1
2	102-7923-1	Bearing Spacer	4
3	102-7924-1	Shim 1/16" (As Needed)	8
	102-7924-2	Shim 1/32" (As Needed)	4
4	298-6805-8	Self-Aligning Bushing (R.B.C. #B32-L)	4
5	102-7919-1	Bearing Cover	4
6	#1610	Lubrication Fitting 1/8"	4
7	- - - - - -	Cap Screw 1/2" x 1 1/2" w/L.W.	16
	298-2010-71	Lock Nut 1/2"	12
	- - - - - -	Cap Screw 1/2" x 2 1/2" w/L.W.	12
8	502-4396-80	Bracket – Bearing Housing	1
9	- - - - - -	H.C.-H.T. Cap Screw 3/4" x 5"	8
	298-2016-71	Lock Nut 3/4"	8
10	502-7087-80	Frame for Roll (Reference only)	1
	502-7087-81	Straight Frame for Roll (Ref. only)	1
11	102-4517-1	Scraper for Frame Roll	2
12	102-3725-1	Hydraulic Cylinder – Steering (Consists of Items 13 thru 25)	1
13	102-3725-2	Nut (Cross Mfg. #1A0146)	1
14	102-3725-3	Head Cap (Cross Mfg. #1C1528)	1
15	102-3725-4	Head (Cross Mfg. #1C1648)	1
16	102-3725-5	Piston (Cross Mfg. #1C0005)	1
17	102-3725-6	Rod (Cross Mfg. #1C9679)	1
18	102-3725-7	Tube Assembly (Cross Mfg. #1C9678)	1
19	102-3725-8	Retaining Ring (Cross Mfg. #1A0004)	1
20	102-3725-9	Cap Screw (Cross Mfg. #1A0300)	3
21	*102-3725-10	Seal, T-Ring (Cross Mfg. #1A0315)	1
22	102-3725-11	"O" Ring (Cross Mfg. #1A0003)	1
23	102-3725-12	Seal, T-Ring (Cross Mfg. #1A0314)	1
24	102-3725-13	Seal, Wiper (Cross Mfg. #1A0019)	1
25	102-3725-14	"O" Ring (Cross Mfg. #1A0051)	1
26	102-7505-1	Ball Stud 1 1/8" - 12 U.N.F. Internal Thread (Vickers #922945)	2

*For Service Part No. 102-3725-12 will be replaced by – 102-3725-15 "O" Ring (Cross 1A0020)



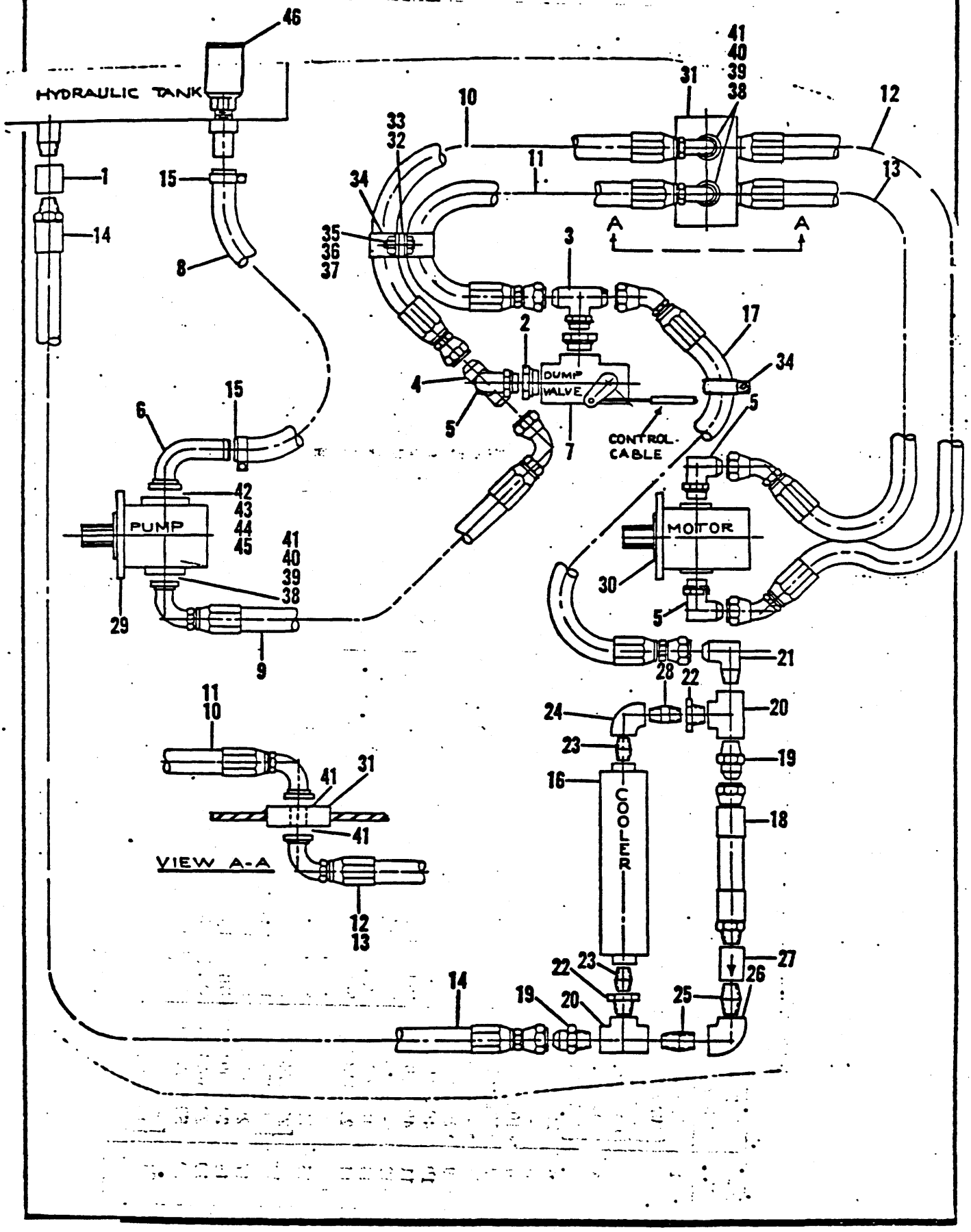
Quantity Part Number and Description When Ordering

VIBRATORY ROLL ASSEMBLY
ASSEMBLY PART NO. 602-5925-1

Item No.	Part Number	Description	No. Req'd.
1	502-5979-80	Roll	1
2	102-3647-1	Inspection Cover	2
	- - - - -	Self-Locking Cap Screw ⅝" x 1"	4
3	502-4384-80	Wheel	2
	298-6035-68	Tire – Model G800 - 165/380 Ply	2
	298-6036-68	Tube – 5:00 x 15 – Heavy Duty	2
4	298-46-93	Self-Locking Cap Screw ⅝" x 2¼"	12
5	- - - - -	Lock Washer ⅝"	12
6	*102-5194-1	Shaft	1
7	*102-3652-1	Weight – Eccentric Shaft	2
8	* - - - - -	Square Hd. Cup Point Set Screw ¾"x2¾"	2
9	*298-2035-71	Lok Nut ¾"	2
10	402-2606-2	Hub – Drive Side	1
11	402-2607-2	Hub – Driven Side	1
12	- - - - -	Socket Hd., Dog Point Set Screw ⅝"x2"	6
13	402-2605-2	Hub – Wheel	2
14	298-32-93	Self-Locking Cap Screw ¾" x 3" with ¾" L.W.	16
15	298-273-2	Spherical Roller Bearing (SKF452320)	2
16	298-274-2	Bearing Cup (Timken #L435010)	4
	298-275-2	Bearing Cone (Timken #L435049)	4
17	298-3089-68	Oil Seal #415379 (For It. 6 - Shaft 3¾")	2
18	298-3093-68	Oil Seal 7 $^{15}/_{16}$" I.D.	2
19	298-3094-68	Oil Seal 8½" I.D. (#415489)	2
20	502-4383-80	Tire Housing – Half	4
21	- - - - -	Cap Screw ¾" x 2½" w/Hex Nut	8
	102-6927-1	Strip L.W.	4

Item No.	Part Number	Description	No. Req'd.
22	102-4516-1	Ring – Carrier Bearing	2
23	102-7897-1	Shim (.005")	6
	102-7897-2	Shim (.0075")	6
	102-7897-3	Shim (.020")	6
24	102-7900-1	Tab – Bolt Lock	12
25	- - - - -	H.C.-H.T. Cap Screw ⅝" x 1¼"	12
26	102-3646-1	Ring Spacer – Bearing	2
27	402-1693-2	Retainer – Labyrinth Bearing	2
28	298-12-93	Self-Locking Cap Screw ½" x 1½"	12
	- - - - -	Lock Washer ½"	12
29	402-2604-2	Flange – Wheel & Motor Mount	2
30	298-19-93	Self-Locking Mach. Screw ⅜" x 1"	8
31	- - - - -	Woodruff Key #1210	1
32	- - - -	Cut washer 7/8''	1
	298-2045-71	Lok Nut ⅞ - 14"	1
33	102-7901-1	Cover	1
34	298-4-93	Socket Head Cap Screw ½" x 1"	4
	- - - - -	Lock Washer ½"	4
35	X7846	Grease Hose	2
36	X7328	Grommet	2
37	- - - - -	Lubrication Fitting #1613B	2
	- - - - -	Pipe Coupling ⅛"	2
	- - - - -	Cut Washer ⅜"	4
38	102-7974-1	Coupling – Drive Half	1
39	102-7975-1	Coupling – Driven Half	1
40	102-7976-1	Coupling Sleeve	1
41	298-3095-68	Hub Seal	2
42	298-7020-34	Snap Ring	2

*For replacement order 502-2932-80 Shaft with Weights (design improvement – identical except pre-welded).

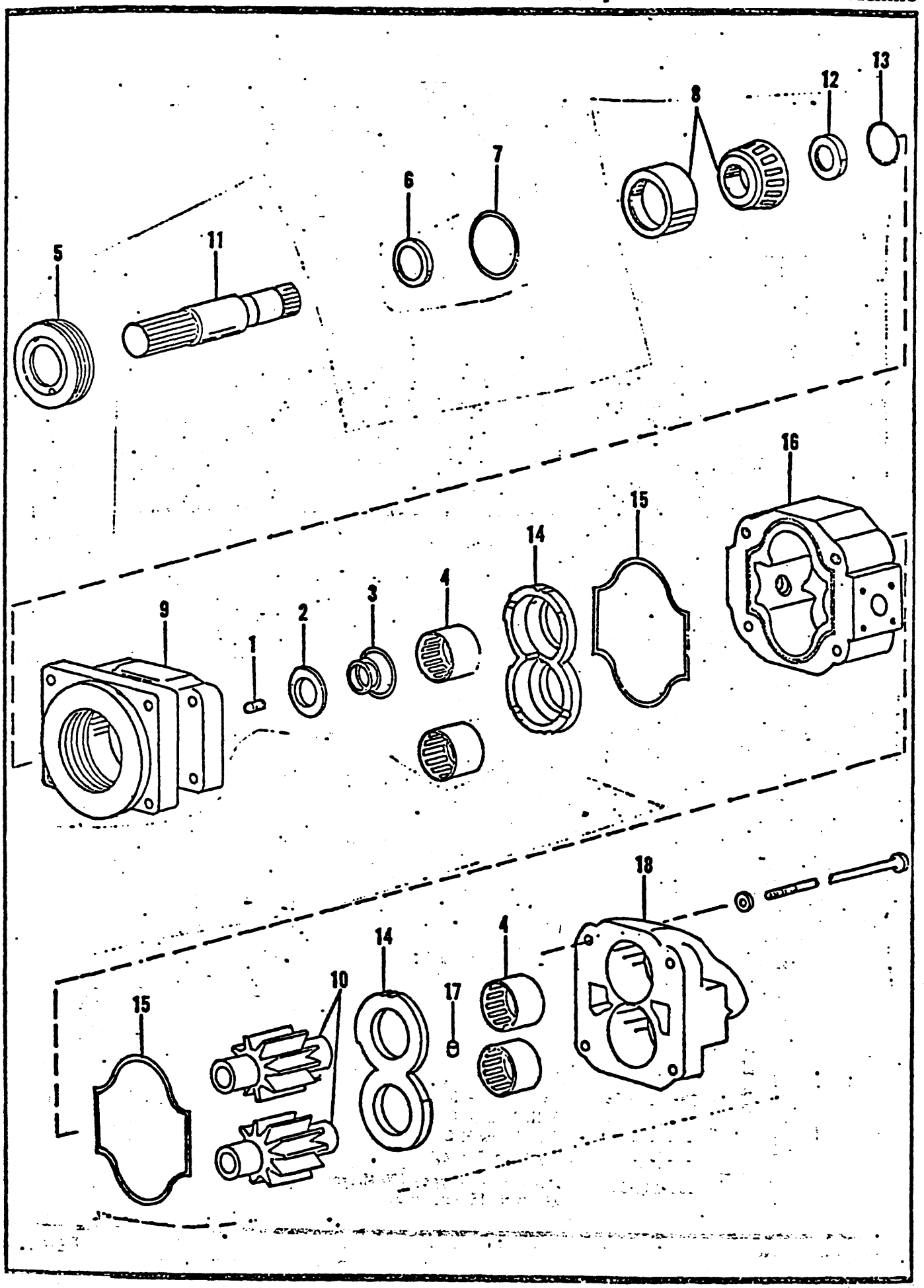

HYDRAULIC TANK
PUMP
MOTOR
DUMP VALVE
CONTROL CABLE
COOLER
VIEW A-A
A
A

VIBRATOR
HYDRAULIC SYSTEM
REX SELF-PROPELLED VIBRATING ROLLER

Item No.	Part Number	Description	No. Req'd.
1	- - - - -	Pipe Coupling (1" N.P.T.)	1
2	298-8115-86	"O" Ring Reducer 1¼" x 1"	2
3	298-8116-86	"O" Ring Branch Tee 1" x 1" x 1"	1
4	298-8117-86	Swivel Nut Branch Tee 1" x 1" x 1"	1
5	298-8076-86	Elbow 90° – 1" "O" Ring x J.I.C.	3
6	298-2231-62	Hose Stem – 1¼" - 90° Split Flange	1
7	102-8090-1	Dump & Relief Valve (see separate Ill.)	1
8	102-8088-1	Hose 1¼" x 10"	1
9	102-3703-1	Hose Assembly	1
10	102-3704-1	Hose Assembly	1
11	102-3705-1	Hose Assembly	1
12	102-3695-1	Hose Assembly	1
13	102-3702-1	Hose Assembly	1
14	102-3706-1	Hose Assembly	1
15	298-9005-86	Hose Clamp	1
16	102-3718-1	Oil Cooler	1
17	102-3730-1	Hose Assembly	1
18	102-3731-1	Hose Assembly	1
19	298-2141-62	Straight Adapter 1" J.I.C. – N.P.T.	2
20	- - - - -	Pipe Tee – Galvanized 1" N.P.T.	2
21	298-6524-86	Elbow 90° – 1" J.I.C. – N.P.T.	1
22	- - - - -	Reducer Bushing 1" x ¾" N.P.T.	2
23	- - - - -	Close Pipe Nipple ¾" N.P.T.	2
24	- - - - -	Elbow – Galvanized ¾" N.P.T. x 90°	1
25	- - - - -	Close Pipe Nipple 1" N.P.T.	2
26	- - - - -	Elbow – Galvanized 1" N.P.T. x 90°	1
27	102-8089-1	Check Valve – 45 P.S.I.	1
28	- - - - -	Nipple ¾" N.P.T. x 2½" lg.	1
29	102-7883-1	Pump – Hydraulic (See Separate Illustration)	1
30	102-7884-1	Motor – Hydraulic (See Separate Illustration)	1
31	102-3690-1	Adaptor Plate In-Frame	1
32	298-4-95	Spring	1
33	102-8094-1	Bar – Connecting	1
34	298-9035-86	Hose Clamp	4
35	- - - - -	Cap Screw ½" x 1" lg.	1
36	- - - - -	Lock Washer ½"	1
37	- - - - -	Hex Nut ½"	1
38	102-1594-4	"O" Ring – S.A.E. 1"	5
39	298-8033-86	Split Flange Clamp 1"	10
40	- - - - -	Cap Screw H.C.-H.T. ⅜" x 1¼"	20
41	- - - - -	Lock Washer ⅜"	20
42	298-3500-68	"O" Ring – S.A.E. 1¼"	1
43	298-2234-62	Split Flange Clamp 1¼"	2
44	- - - - -	Cap Screw H.C.-H.T. 7/16" x 1½" lg.	4
45	- - - - -	Lock Washer 7/16"	4
46	298-142-53	Filter-sump type-100 Micron (Marvel 150-1½-100)	1

Hose Ass 502-1311-97

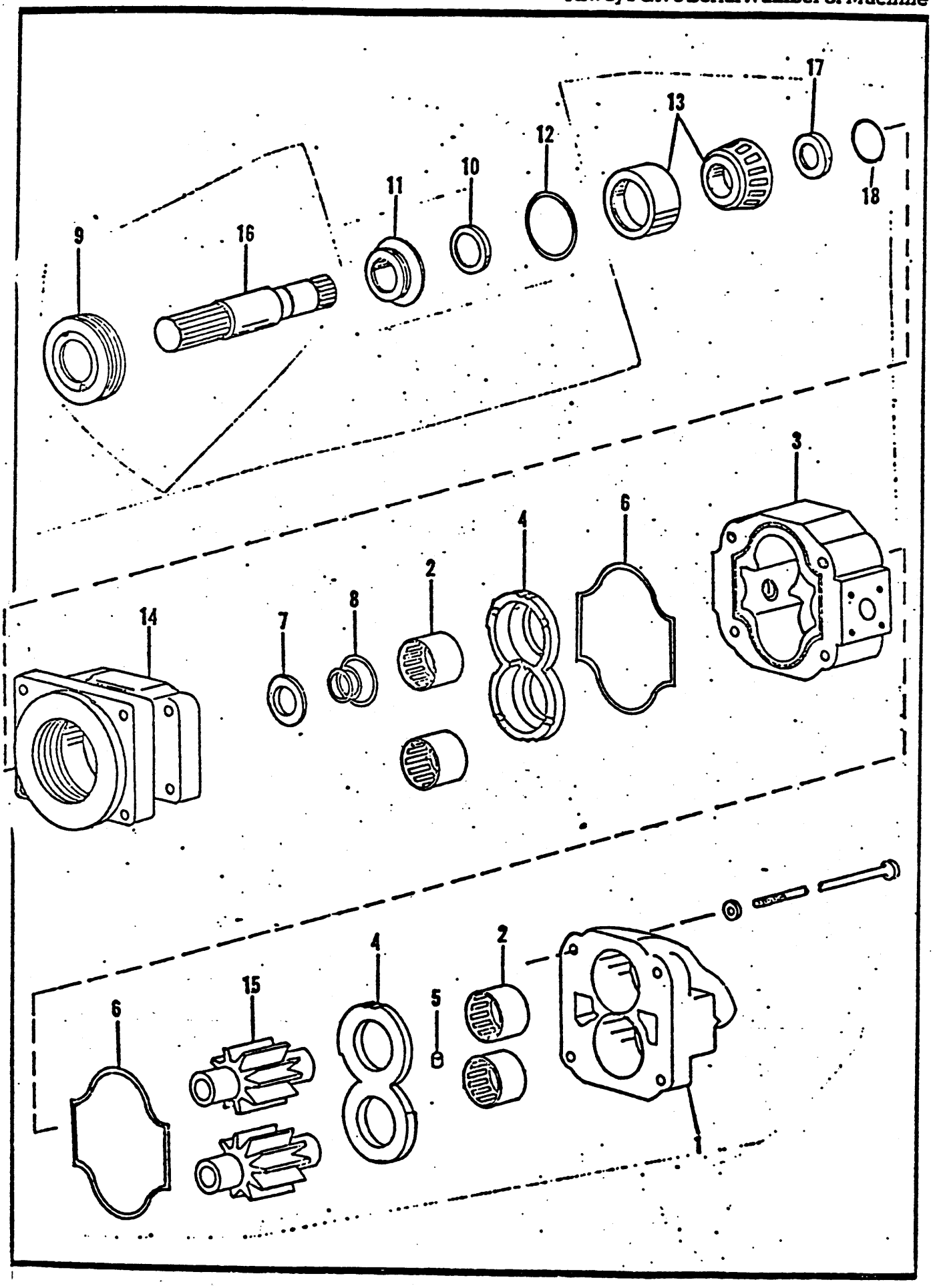
Specify Quantity, Part Number and Description When Ordering


13
12
8
7
6
11
5
16
15
14
9
1
2
3
4
18
14
4
15
10
17

HYDRAULIC MOTOR – EXCITER DRIVE
REX PART NO. 102-7884-1
COMMERCIAL SHEARING & STAMPING CO. NO. M25X-978-BEVL-15-7

Item No.	Part Number	Description	No. Req'd.
1	102-7884-10	Check Assembly (*M1391K)	2
2	102-7883-22	Shaft Bushing (*AH2010)	1
3	102-7883-23	Spring (*A1327-182)	1
4	102-7883-11	Roller Bearing (*S1032)	4
5	102-7884-14	Retainer Ring (*LA1072)	1
6	102-7884-15	Hi-Pressure Seal (*X73-50-3)	1
7	102-7883-28	"O" Ring (*63006-26)	1
8	102-7883-29	Tapered Roller Bearing (*X126-8)	1
9	102-7883-30	Shaft End Cover (*XA1686-3)	1
10	102-7884-19	Drive Gear (*KA1007M-15)	2
11	102-7883-33	Shaft (*PB1135)	1
12	102-7883-34	Spacer (*YA-1669-1)	1
13	102-7883-35	Retaining Ring (*X97-100)	1
14	102-7883-15	Thrust Plates (*Y1058)	4
15	102-7883-17	Gasket (*UB3006-244)	2
16	102-7884-24	Gear Housing (*MA1688-15-64)	1
17	102-7883-16	Pocket Seal (*K3026-27)	12
18	102-7883-10	Port End Cover (*RA1603)	1

*Commercial Shearing & Stamping Co. - 1775 Logan Ave. - Youngstown, Ohio 44501 part numbers.

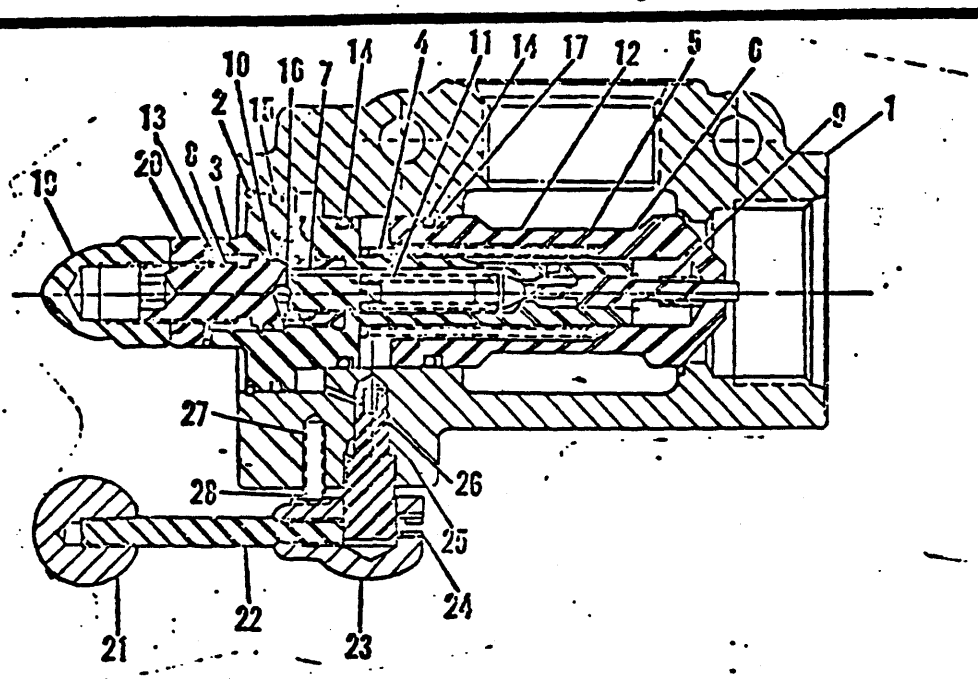


Specify Quantity, Part Number and Description When Ordering

HYDRAULIC PUMP – EXCITER DRIVE
REX PART NO. 102-7883-1
COMMERCIAL SHEARING #P25X-178-BERS-12-7

Item No.	Part Number	Description	No. Req'd.
1	102-7883-10	Port End Cover (*RA1603)	1
2	102-7883-11	Roller Bearings (*S1032)	4
3	102-7883-14	Gear Housing (*MA1688-12-34)	1
4	102-7883-15	Thrust Plates (*Y1058)	4
5	102-7883-16	Pocket Seal (*K3026-27)	12
6	102-7883-17	Gasket (*UB3006-244)	2
7	102-7883-22	Shaft Bushing (*AH2010)	1
8	102-7883-23	Spring (*A1327-182)	1
9	102-7883-25	Retainer Ring (*W1072)	1
10	102-7883-26	Double Up Seal (*X73-37-13)	1
11	102-7883-27	Seal Retainer (*SA1669)	1
12	102-7883-28	"O" Ring (*63006-26)	1
13	102-7883-29	Tapered Roller Bearing (*X126-8)	1
14	102-7883-30	Shaft End Cover (*XA1686-3)	1
15	102-7883-31	Drive Gear (*KA1007M-12)	2
16	102-7883-33	Shaft (*PB1135)	1
17	102-7883-34	Spacer (*YA-1669-1)	1
18	102-7883-35	Retaining Ring (*X97-100)	1

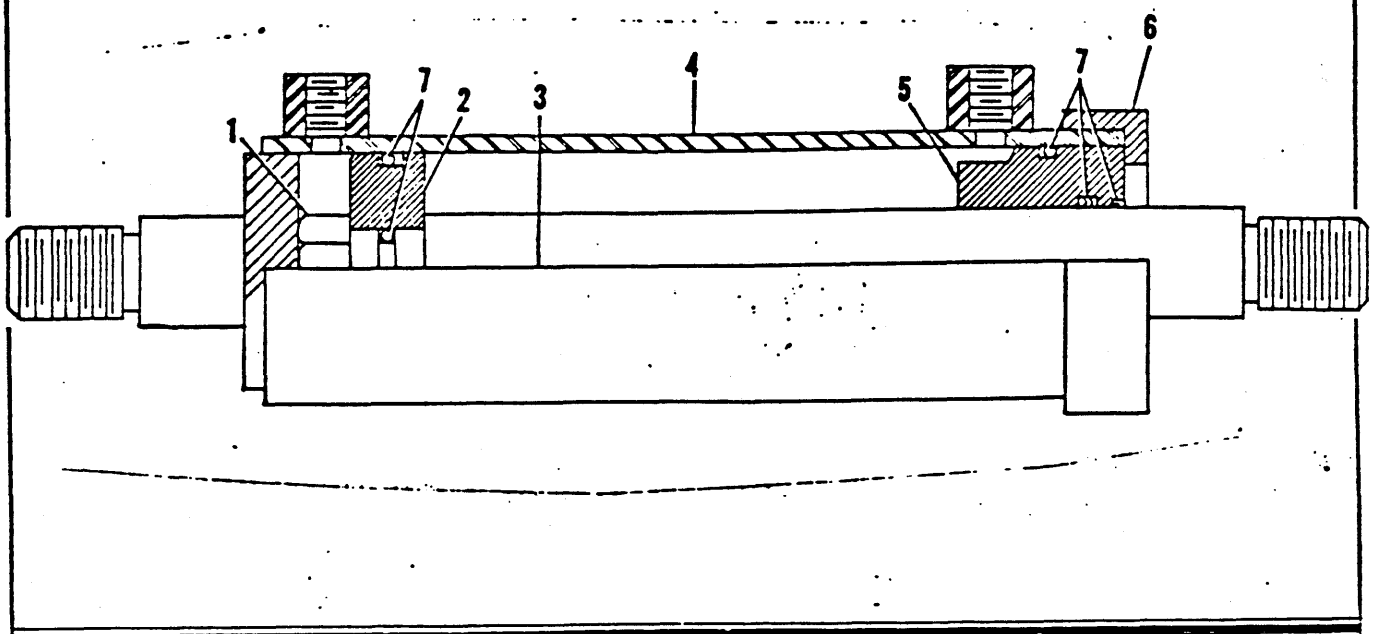
*Commercial Shearing & Stamping Co. - 1775 Logan Ave. - Youngstown, Ohio 44501 part numbers.



HYDRAULIC UNLOADING VALVE – EXCITER CONTROL
FAWICK CORP. HYDRAULIC – ELECTRONIC DIVISION NO. R1264-011
REX PART NUMBER 102-8090-1

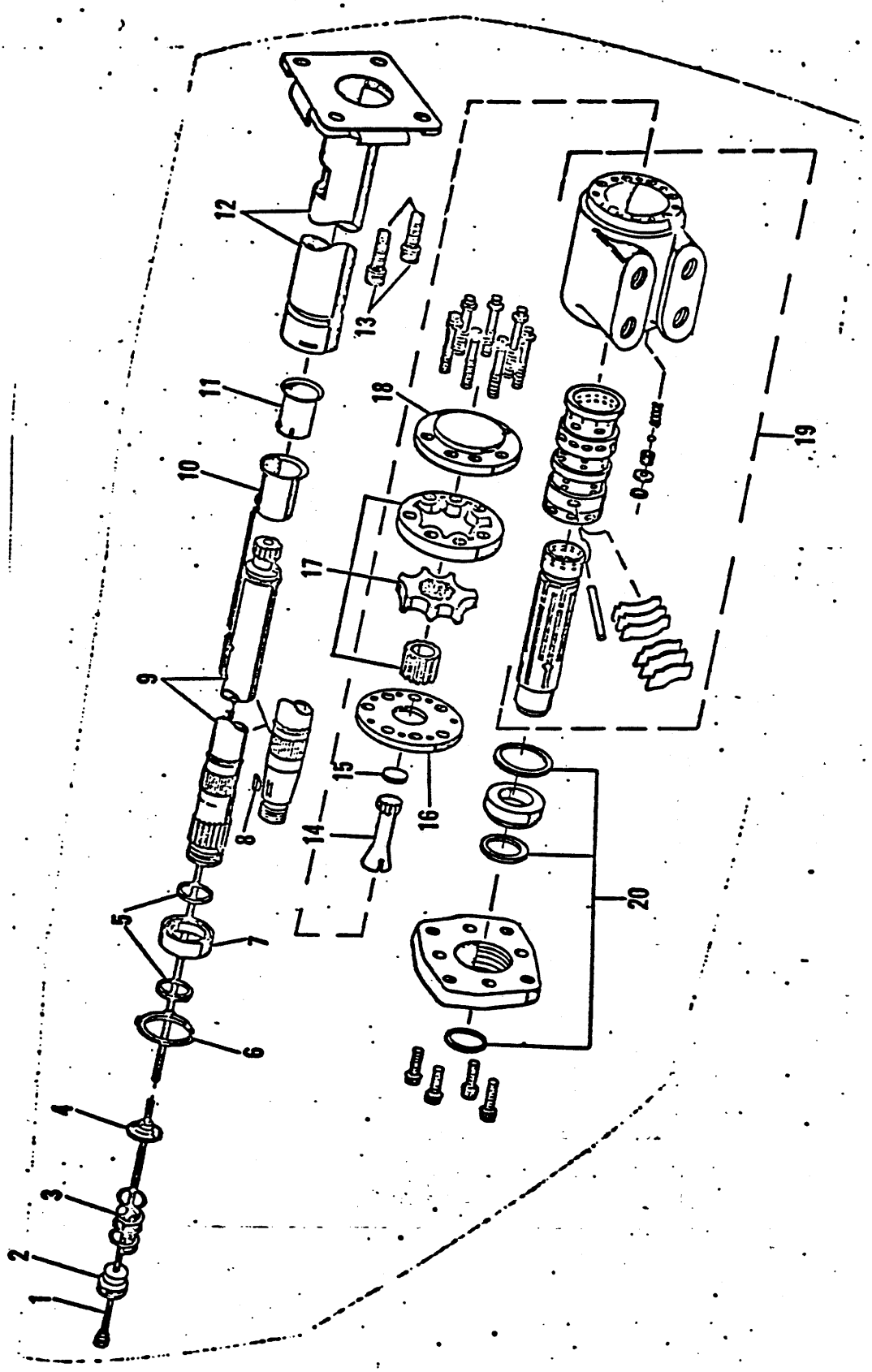
Item No.	Part Number	Description	No. Req'd.
1	*200-245	Valve Body	1
2	*265-003-013	Ring – Retaining	1
3	*285-100	Sleeve – Valve	1
4	*230-043	Spring	1
5	*268-031	Pin – Metering	1
6	*220-044	Piston – Valve	1
7	*310-057	Retainer – Spring	1
8	*267-507	Screw – Adjusting	1
9	*310-095	Tube – Stop	1
10	*250-001-015	Seal – "O" Ring	1
11	*230-015	Spring	1
12	*285-055	Valve – Poppet	1
13	*265-006-075	Ring – Snap	1
14	*250-001-123	Seal – "O" Ring	1
15	*250-001-130	Seal – "O" Ring	1
16	*285-020-050	Ball	1
17	*250-014-123	Ring – Back-Up	1
18	- - - - -	Not Used	-
19	*265-503-003	Nut – Acorn	1
20	*265-501-002	Nut – Jam	1
21	*310-104	Knob	1
22	*310-139	Handle	1
23	*310-140	Detent	1
24	*267-517-001	Screw – Set	1
25	*285-224	Valve – Dump	1
26	*250-001-008	Seal – "O" Ring	1
27	*230-044	Spring	1
28	*310-056	Ratchet	1

*Fawick Corp. – Hydraulic-Electronic Division – Cleveland, Ohio part numbers.



STEERING CYLINDER
LANTEX HYDRAULICS INC. NO. 571-01 SERIES B L
REX PART NO. 102-3866-1
USED AS AVAILABLE AS AN INTERCHANGEABLE ALTERNATE FOR 102-3725-1 CROSS HYDRAULIC STEERING CYLINDER - CAUTION CHECK CAREFULLY AS THE FOLLOWING PARTS CAN BE USED ONLY ON THIS LANTEX CYLINDER

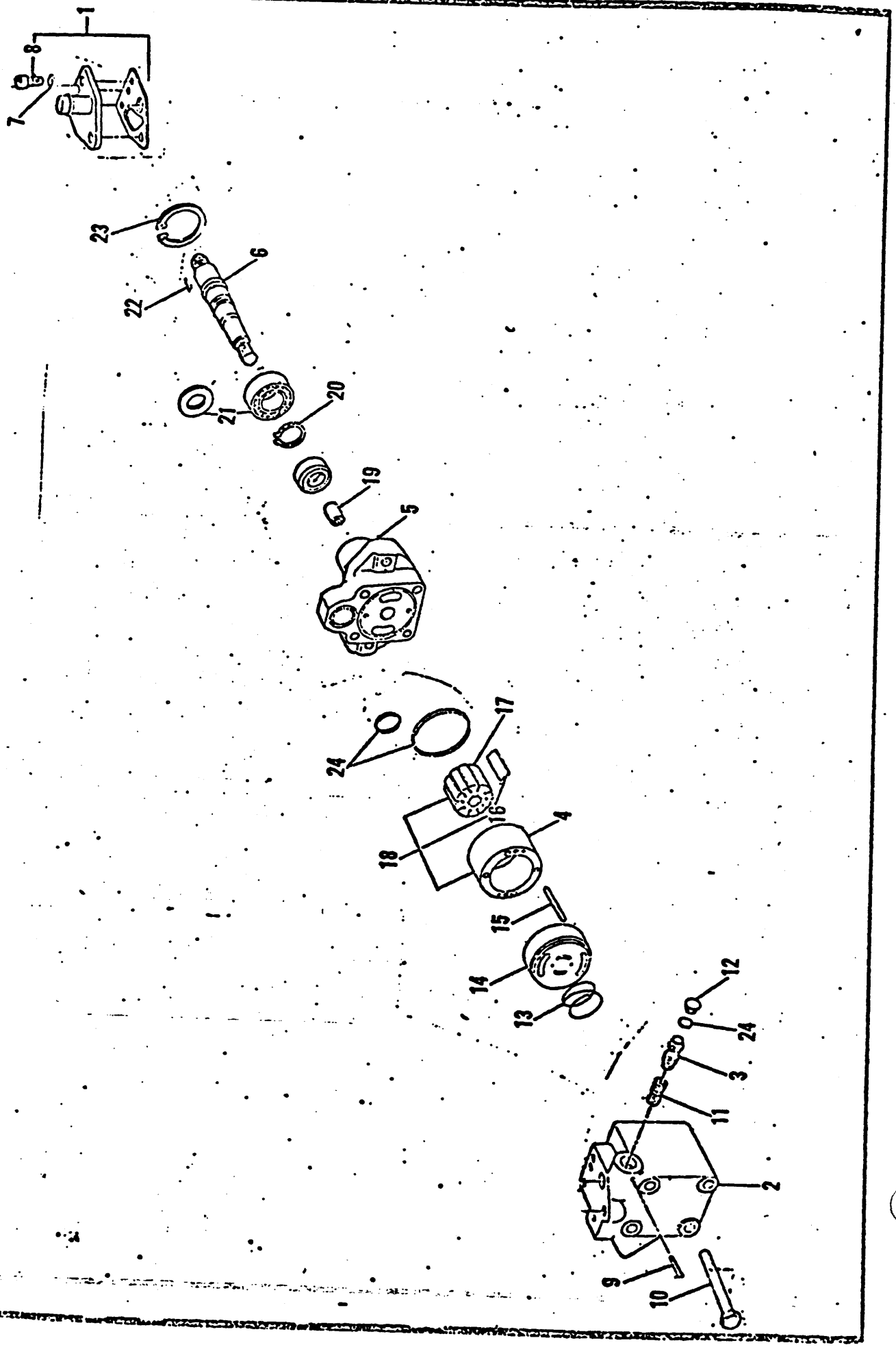
Item No.	Part Number	Description	No. Req'd.
1	102-3866-2	Locknut (Lantex 50064)	1
2	102-3866-3	Piston (Lantex 203-06)	1
3	102-3866-4	Rod (Lantex 570-03)	1
4	102-3866-5	Barrel Assy. (Lantex 567-02	1
5	102-3866-6	Gland (Lantex 109-05)	1
6	102-3866-7	Gland Collar (Lantex 249-11	1
7	102-3866-8	Seal Replacement kit (Lantex 50455)	1


1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16
17
18
19
20

POWER STEERING CONTROL UNIT
CHAR-LYNN CO. "ORBITROL" MODEL SCB-UM-11
REX PART NO. 102-8077-1

Item No.	Part Number	Description	No. Req'd.
1	- - - - -	Not Used	-
2	- - - - -	Not Used	-
3	- - - - -	Not Used	-
4	- - - - -	Not Used	-
5	102-8077-21	Snap Ring (*14092)	2
6	102-8077-22	Retaining Ring (*5245)	1
7	102-8077-23	Bearing Assembly (*21146)	1
8	- - - - -	Not Used	-
9	102-8077-24	Steering Shaft Assembly (*5249-1)	1
10	- - - - -	Not Used	-
11	- - - - -	Not Used	-
12	102-8077-25	Tube and Flange Assembly (*5246-1)	1
13	- - - - -	Cap Screw ⅜" - 16 x ¼"	2
14	102-8077-10	Drive (*839)	1
15	102-8077-11	Spacer (*20642)	1
16	102-8077-12	Plate (*594)	1
17	102-8077-13	Gerotor Set (1.50 thick) (*612)	1
18	102-8077-14	End Cap (*21176)	1
19	102-8077-15	Control Parts Assembly (*847-2)	1
20	102-8077-16	Seal Kit	1

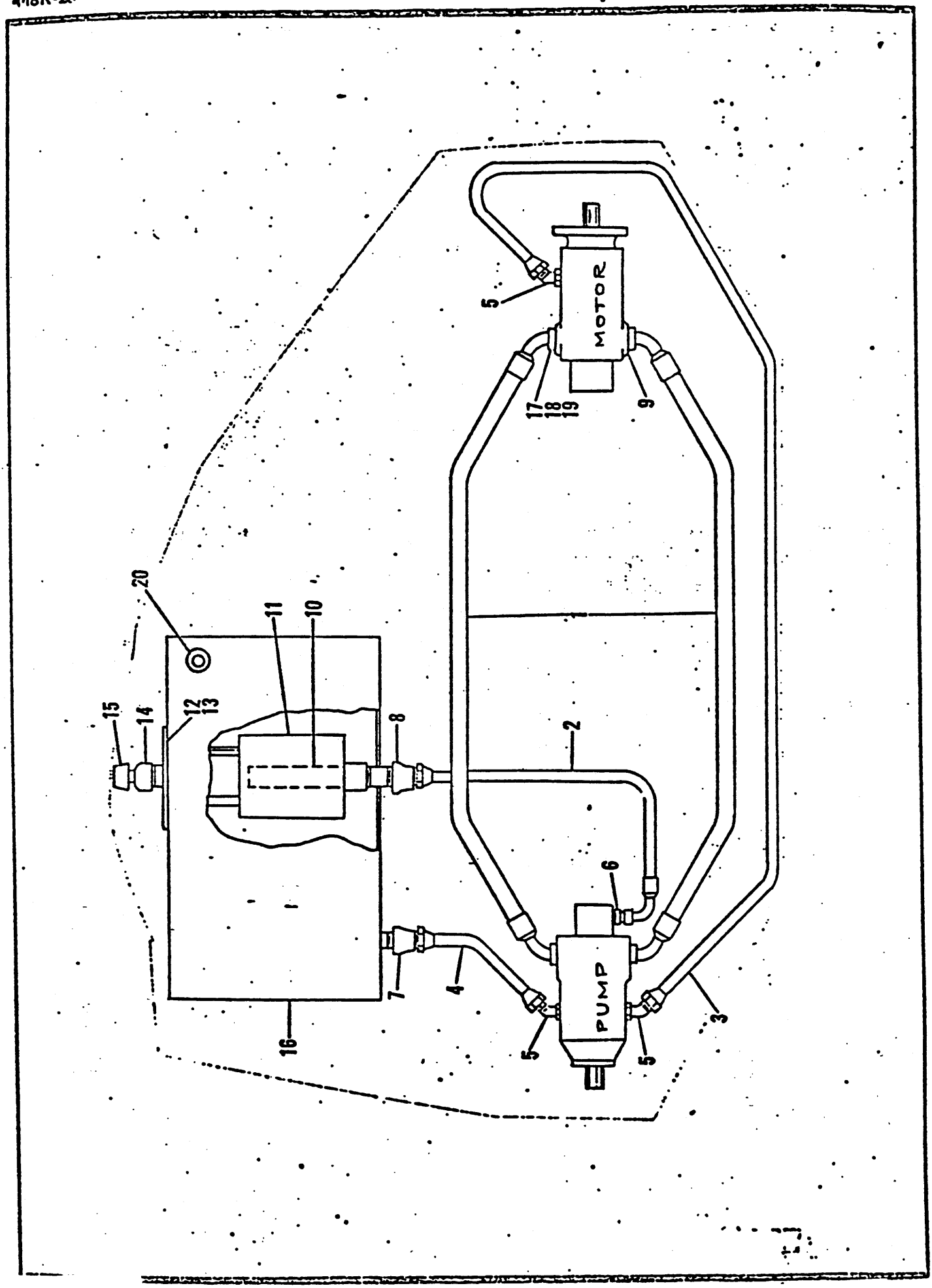
*Char-Lynn Company – 15151 Highway 5 – Eden Prairie, Minnesota part numbers.


1
8
7
23
6
22
21
20
19
5
24
17
16
4
18
15
14
13
12
24
3
11
2
9
10

HYDRAULIC PUMP – STEERING
VICKERS PART NUMBER VTM42-60-75-15-MD-R1-12
REX PART NUMBER 102-7949-1

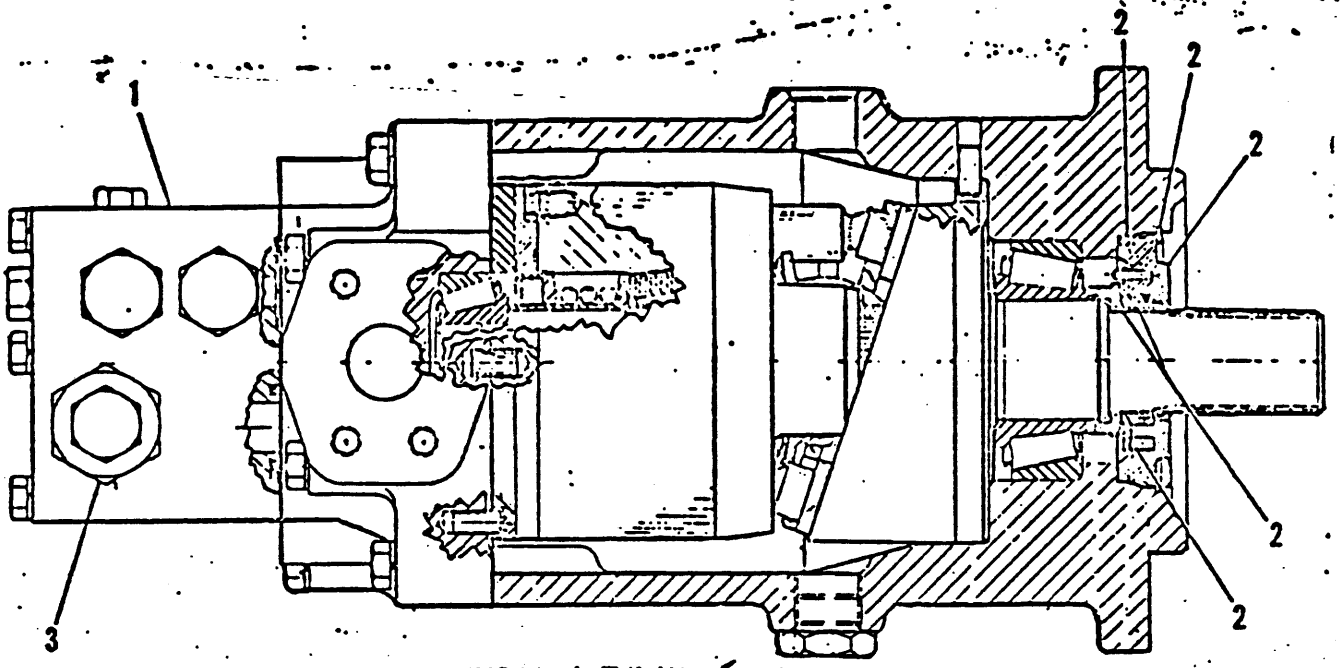
Item No.	Part Number	Description	No. Req'd.
1	102-7949-10	Manifold Sub-Assembly (*281409)	1
2	102-7949-11	Cover Sub-Assembly (*286613)	1
3	102-7949-12	Control Valve Sub-Assembly (*232797)	1
4	102-7949-13	Ring (*296599)	1
5	102-7949-14	Body Sub-Assembly (*296601)	1
6	102-7949-15	Shaft (*250455)	1
7	102-7949-16	Washer (*28931)	1
8	102-7949-17	Screw (*199144)	3
9	102-7949-18	Pin (*32559)	1
10	102-7949-19	Screw (*171523)	4
11	102-7949-20	Spring (*170072)	1
12	102-7949-21	Plug (*175049)	1
13	102-7949-22	Spring (*245507)	1
14	102-7949-23	Pressure Plate (*276396)	1
15	102-7949-24	Pin (*154364)	2
16	102-7949-25	Vane Kit (*922594) (10 pcs.)	1
17	102-7949-26	Rotor (*213859)	1
18	102-7949-27	Cartridge Kit (*923092)	1
19	102-7949-28	Bearing (*222440)	1
20	102-7949-29	Snap Ring (*106641)	1
21	102-7949-30	Bearing (*148423)	1
22	102-7949-31	Key (*1606)	1
23	102-7949-32	Snap Ring (*172376)	1
24	102-7949-33	Seal Kit (*922904)	1

*Vickers Incorporated – P.O. Box 302 – Troy, Michigan 48084 part numbers.


MOTOR
PUMP
20
11
10
15
14
12
13
8
2
6
7
4
16
5
17
18
19
9
3

TRACTION DRIVE HYDRAULIC SCHEMATIC . REX SELF-PROPELLED VIBRATORY ROLLER

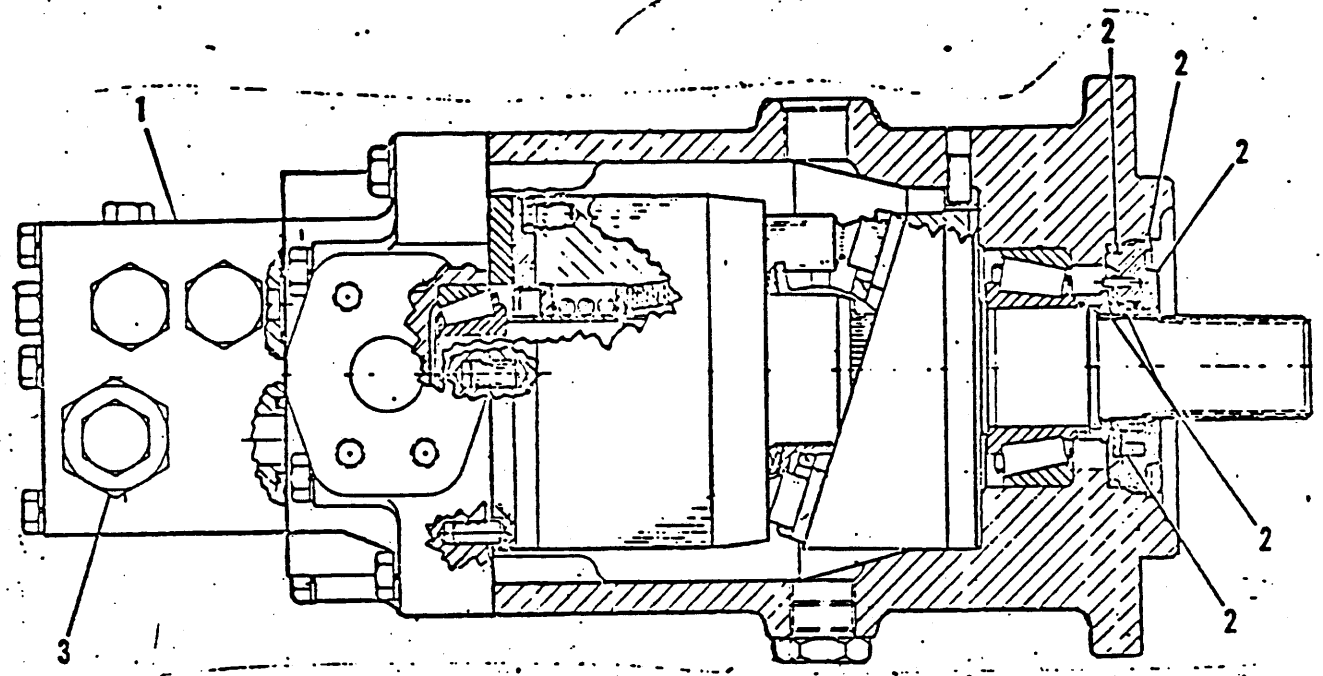
Item No.	Part Number	Description	No. Req'd.
1	102-3691-1	Hose Assembly 1"	2
2	102-3688-1	Hose Assembly ¾"	1
3	502-2783-80	Hose Assembly	1
4	502-2785-80	Hose Assembly	1
5	298-8148-86	Elbow 45°	3
6	298-8078-86	Straight Male Adaptor	1
7	- - - - -	Pipe coupling ½"	1
8	- - - - -	Galvanized Pipe Coupling ¾".	1
9	- - - - -	Lock Washer ⅜"	16
10	102-8510-1	Tube – Reservoir	1
11	298-133-53	Filter Element	1
12	502-2733-80	Cover – Hydraulic Tank	1
13	102-7864-1	Cover Gasket	1
14	102-7320-1	Cap – Fill	1
15	298-8001-89	Breather	1
16	502-6035-80	Hydraulic Tank	1
17	102-1594-4	"O" Ring	4
18	298-8033-86	Split Flange Clamp 1"	8
19	- - - - -	H.T.-H.C. Cap Screw ⅜" x 1¼"	16
20	298-2070-56	Threaded View Gauge 1" N.P.T. (Gits BW20-4054)	1



HYDROSTATIC MOTOR – TRACTION DRIVE
** SUNDSTRAND MODEL 22-3022
REX PART NO. 102-6121-2

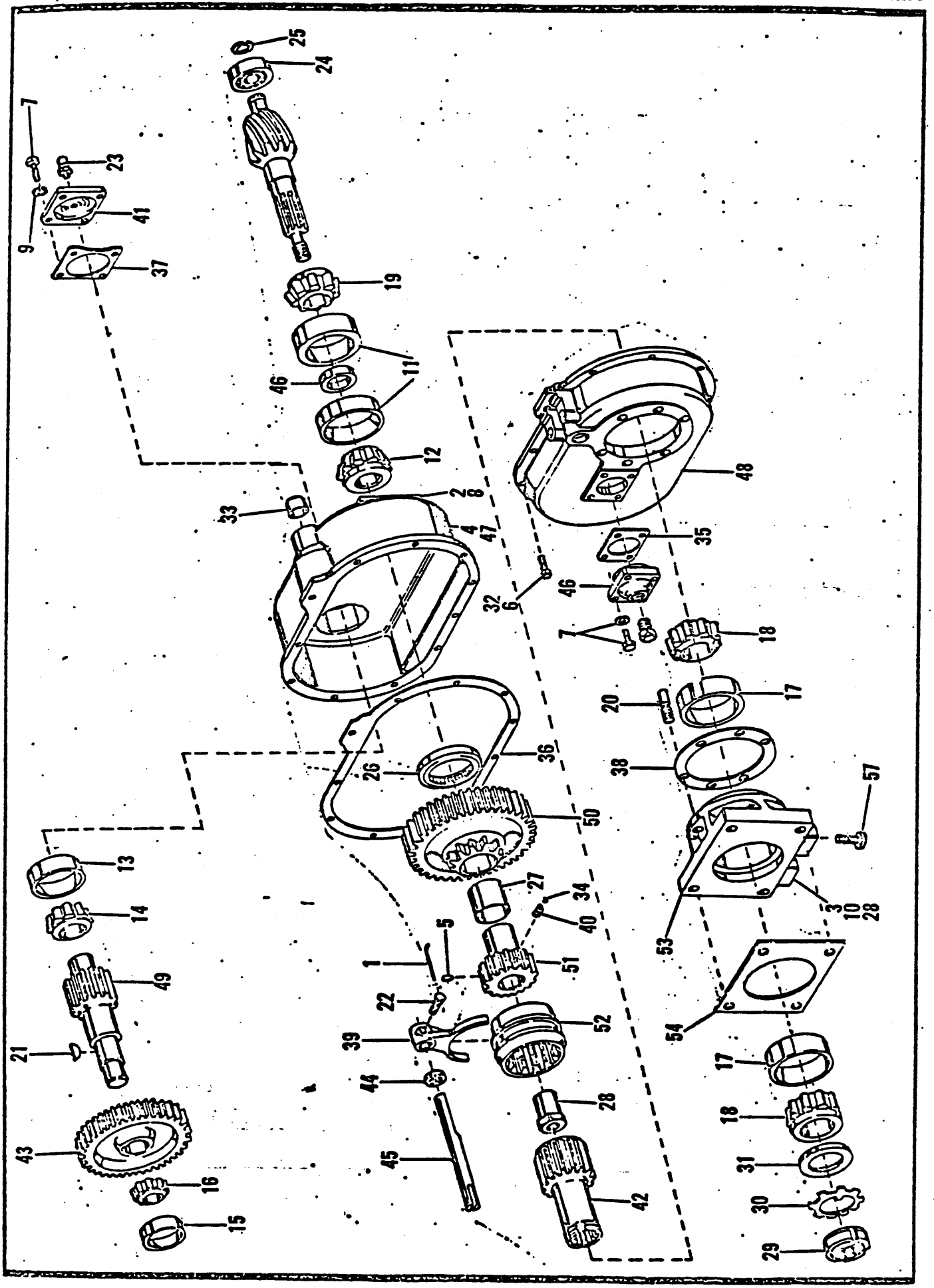
Item No.	Part Number	Description	No. Req'd.
1	102-4365-14	Manifold Assembly (*9800632-50)	1
2	102-4365-1	Seal Kit (*9510022) Consisting of:	1
		*9210247 Shaft Seal	1
		*9210248 Housing Seal	1
		*9004102-1290 "O" Ring	2
		*9004100-2340 "O" Ring	1
		*9220242 Seal Spring	6
3	102-4365-21	Relief Valve Assembly (*9800370-50)	1
		*Sundstrand Corp. part numbers.	

**Refer to Identification Plate on Pump for correct Model Number before ordering parts – see separate illustration for Model 22-3055 (Rex Part No. 102-8506-1).



HYDROSTATIC MOTOR – TRACTION DRIVE
**SUNDSTRAND MODEL 22-3055
REX PART NO. 102-8506-1

Item No.	Part Number	Description	No. Req'd.
1	102-4365-78	Manifold Assembly (*9800834-53)	1
2	102-4365-1	Seal Kit (*9510022) Consisting of:	1
		*9210247 Shaft Seal	1
		*9210248 Housing Seal	1
		*9004102-1290 "O" Ring	2
		*9004100-2340 "O" Ring	1
		*9220242 Seal Spring	6
3	102-4365-77	Relief Valve Assembly (*9800370-55)	1
		*Sundstrand Corp. part numbers.	
		**Refer to Identification Plate on Pump for correct Model Number before ordering parts – see separate illustration for Model 22-3022 (Rex Part No. 102-6121-2).	



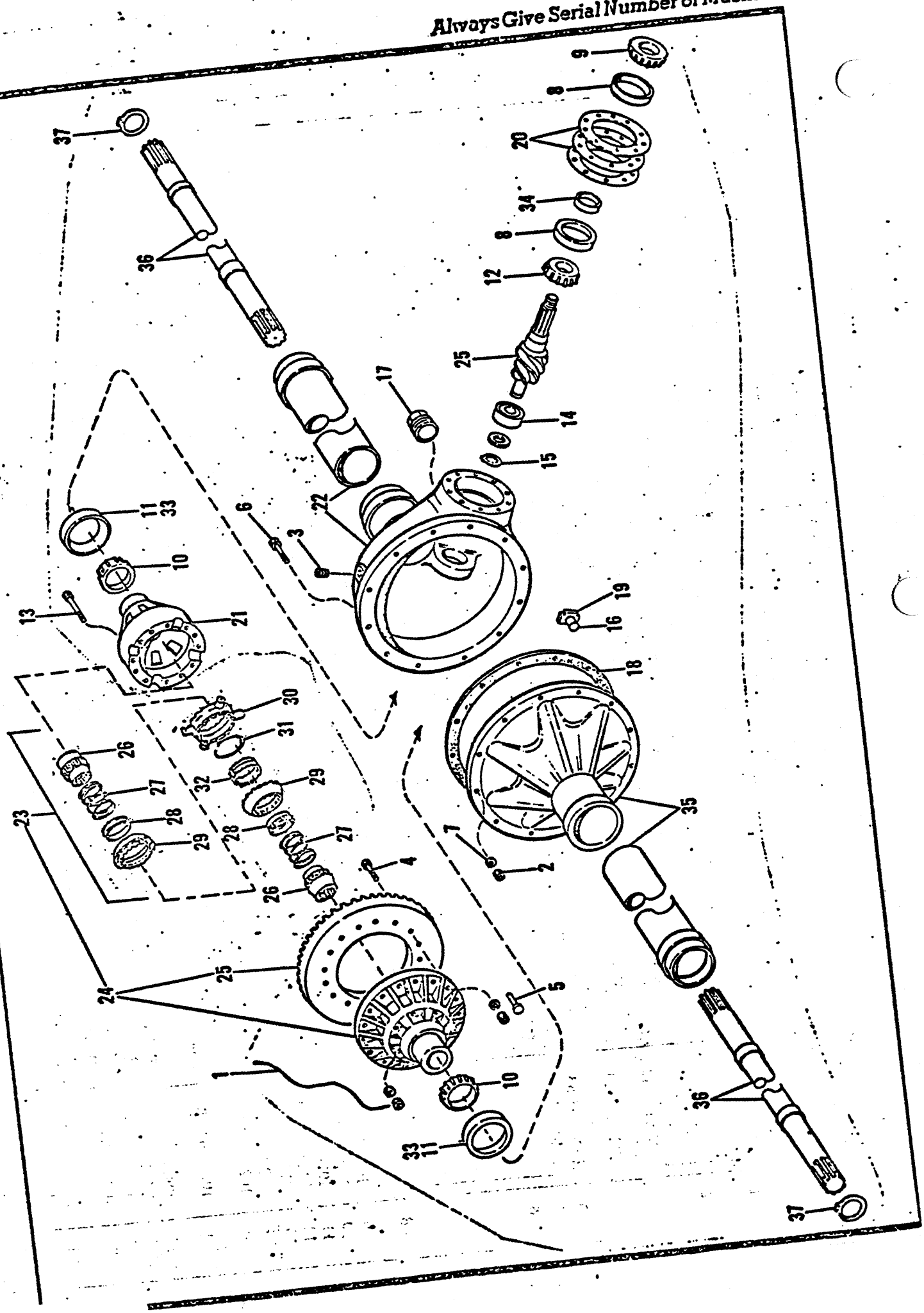
Specify Quantity, Part Number and Description When Ordering

TWO-SPEED TRANSMISSION FOR TRACTION DRIVE DIFFERENTIAL
SELF-PROPELLED VIBRATORY ROLLER

Item No.	Part Number	Description	No. Req'd.
1	102-6168-33	Lockwire (*LW-168)	1
2	102-7872-11	Lockwire (*LW-1620) – Transmission to Axle (Location Shown – Not Illust.)	1
	102-6168-66	Nut (*N-16-1) – Transmission to Axle (Location Shown – Not Illust.)	1
3	102-6168-42	Nut (*N-18-1) – Hydraulic Motor to Adapter (Location Shown – Not Illust.)	6
4	102-7872-14	Plug (*P-18) Oil Filler & Drain (Not Illustrated)	2
5	102-6168-53	Set Screw – Clutch Pinion (*S-865)	1
6	102-6168-65	Bolt – Transmission Case & Cover (*S-1611)	10
	102-6168-66	Nut (*N-16-1)	10
	102-6168-67	Lock Washer (*WA-16)	10
7	102-6168-10	Cap Screw (*S-2710) Idler Pinion Rear Cap & Front Cap	7
	102-7872-18	Cap Screw (*S-7710-S) Idler Pinion Rear Cap	1
8	102-7872-17	Cap Screw (*S-2910-1) (Transmission Case to Carrier) (Not Illustrated)	8
9	102-6168-11	Lock Washer (*WA-17)	7
10	102-6168-41	Lock Washer (*WA-18)	4
11	102-1514-20	Input Bearing Cup (*55443)	2
12	102-6168-61	Input Bearing Cone (*55187C)	1
13	X7857	Bearing Cup (*3820)	1
14	102-5168-22	Bearing Cone (*3877)	1
15	102-6168-17	Cup – Idler Shaft Pinion Bearing (Front) (*25821)	1
16	102-6168-18	Cone – Idler Shaft Pinion Bearing (Front) (*25878)	1
17	298-45-2	Bearing Cup (*394-AS)	2
18	298-115-2	Bearing Cone (*395A)	2
19	102-6168-61	Bearing Cone (*55187C)	1
20	102-6168-44	Stud – Hydraulic Motor Adapter (*4-X-733)	6
21	102-6168-20	Key – Low Speed Gear (*16-X-103)	1
22	102-7872-23	Lock Screw (*25-X-96)	1
23	102-6168-23	Oil Breather (*A-1199-J-166)	1
24	102-1514-15	Bearing (*1228-Z-52)	1
25	102-1514-14	Lock Ring (*1229-Z-1300)	1
26	102-6168-56	Oil Seal (*A1805-Y-545)	1
27	102-6168-54	Bushing (*1825-M-117)	1
28	102-6168-48	Nut (*1827-Y-285)	1
29	102-6168-35	Nut (*1827-A-287)	1
30	102-6168-36	Lock Washer (*1829-P-874)	1
31	102-6168-37	Washer (*1829-U-879)	1
32	102-6168-68	Dowel – Case & Cover (*1846-A-313)	2
33	102-6168-34	Plug (*1850-Z-78)	1
34	102-6168-52	Ball (*1898-H-34)	3
35	102-6168-16	Shim (.010") (*2803-E-2085)	1
	102-6168-15	Shim (.005") (*2303-D-2084)	3
	102-6168-14	Shim (.003") (*2803-C-2083)	3
36	298-2515-68	Gasket (*2808-H-1100)	1
37	102-6168-24	Gasket – Idler Pinion Cap (*2808-W-1089)	1
38	102-6168-43	Gasket (*2808-X-1090)	1
39	102-6168-31	Shift Fork (*2849-B-158)	1
40	102-7872-44	Shift (*2858-W-257)	3
41	102-7872-55	Cap (*3866-G-1021)	1
42	102-6168-47	Pinion (24T) (*3891-C-1199)	1
43	102-6168-19	Gear (55T) (*3892-N-2484)	1
44	102-7872-28	Oil Seal (*A1805-X-648)	1
45	102-7872-39	Shift Shaft (*2843-C-549)	1
46	102-8095-14	Cap – Idler Shaft (Front) (*3866-D-992)	1
47	102-7872-56	Case – Transmission (*A4,A6-3875-U-645)	1
48	**102-7872-57	Cover – Transmission Case (*3876-G-475)	1
49	102-8095-17	Pinion (34T) (*3891-N-1418)	1
50	102-8095-18	Gear Lo-Speed Driven (45T) (*A-3892-B-2524)	1
51	102-7872-60	Pinion (24T) – Clutch (*3891-R-1448)	1
52	102-8095-25	Collar – Shift (*3897-D-2526)	1
53	102-8095-26	Adapter – Hydraulic Motor (*A-3897-M-2405)	1
54	102-1781-1	Gasket	1

*Rockwell Standard Corp. part numbers.

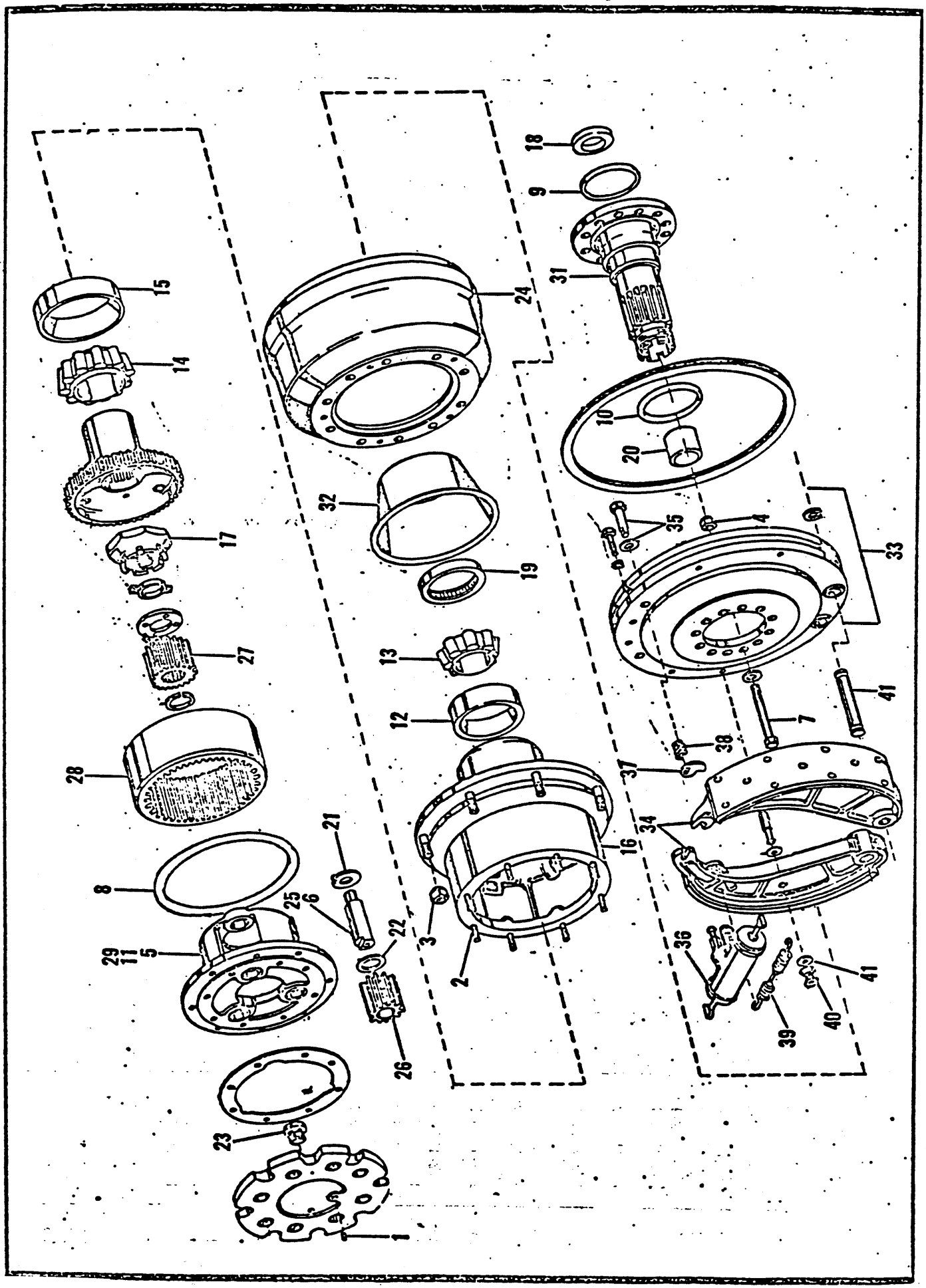
**Included in Item No. 47.


37
36
9
8
20
34
8
12
25
17
14
15
22
6
3
11
33
10
13
21
19
16
18
30
31
26
27
32
29
28
29
28
27
26
23
4
7
2
35
24
25
5
1
10
33
11
36
37

TRACTION DRIVE AXLE ASSEMBLY (INCLUDES TWO-SPEED TRANSMISSION)
REX PART NO. 102-8095-1
ROCKWELL STANDARD CORP. NO. 35-3380
SELF-PROPELLED VIBRATORY ROLLER

Item No.	Part Number	Description	No. Req'd.
1	102-6168-83	Lockwire (*LW-1626)	1
2	102-6168-42	Nut (*N-18-1)	10
3	102-7872-14	Plug (*P-18) Filler & Drain	2
4	102-7872-16	Cap Screw (Differential Carrier Flange) (*S-2311-1)	2
5	102-1514-7	Rivet (*RV-7812) (Differential Case & Bevel Gear)	12
6	102-7572-14	Bolt (*S-1814-1) (Differential Carrier Flange)	10
7	102-6168-41	Lock Washer (*WA-18)	10
8	102-1514-20	Bearing Cup (*55443)	2
9	102-6168-57	Bearing Cone (*55176C)	1
10	102-1514-5	Cone – Differential Case Bearing (*33281)	2
11	102-1514-9	Bearing Cup (*33472)	2
12	102-6168-61	Bearing Cone (*55187C)	1
13	102-7872-21	Bolt – Differential Case (Short) (*15-X-926)	4
	102-7872-22	Bolt – Differential Case (Long) (*15-X-927)	8
14	102-1514-15	Bearing (*1228-Z-52)	1
15	102-1514-14	Lock Ring (*1229-Z-1300)	1
16	102-7872-26	Pin – Bevel Gear Thrust Block (*1246-G-293)	1
17	102-7572-20	Plug (*1250-S-149) (Inspection)	1
18	102-1514-16	Gasket (*2208-L-272)	1
19	102-7872-38	Block Side Thrust (*2297-A-573)	1
20	102-1514-22	Shim – Bevel Pinion Bearing (.003") (*2803-W-1791)	3
	102-1514-23	Shim (.005") (*2803-X-1792)	3
	102-1514-24	Shim (.010") (*2803-Y-1793)	1
21	102-1574-41	Case – Plain Half (*3235-P-354)	1
22	102-8095-29	Carrier Differential (*A3-3800-Y-649)	1
23	102-6972-1	Differential Internal Assembly (Without Case) (*A2-3235-G-397) (Detroit Auto Co. NS-21-63061) – Contains Items 26 thru 32 Inclusive	1
24	102-8095-12	Case – Differential – Flange Half complete with no spin differential (Item 23), one of (*35350) Drive Gear and one (*35131) Drive Pinion (Assembly Part No. *B-3235-X-882 – 6 ⅞ to 1 ratio)	1
25	102-1514-18	Matched Set Ring Gear (*35350) and Pinion (*35131) (Not sold separately)	1
26	- - - - -	Side Gear	2
27	- - - - -	Spring	2
28	- - - - -	Spring Retainer	2
29	- - - - -	Cam & Clutch Assembly	2
	- - - - -	Holdout Ring	2
30	- - - - -	Spider	1
31	- - - - -	Snap Ring	1
32	- - - - -	Center Cam	1
33	102-8095-20	Spacer Set for Differential Bearing Cup (Not Illust.) Includes two each of *1244-D-394 (.146") thru *1244-K-401 (.164")	1
	102-8095-21	Spacer Set for Differential Bearing Cup (Not Illust.) Includes two each of *1244-K-479 (.137") thru *1244-T-488 (.179")	1
34	102-6168-73	Spacer Set for Bevel Pinion Bearing (Not Illust.) Consists of two each of *2203-N-1054 (.219") thru *2203-Y-1065 (.254")	1
35	102-8095-28	Cover – Differential Carrier (*A48-3800-Z-468)	1
36	102-8095-30	Axle Shaft (*3802-Y-1507)	2
37	102-8095-48	Snap Ring (*1854-C-289)	2

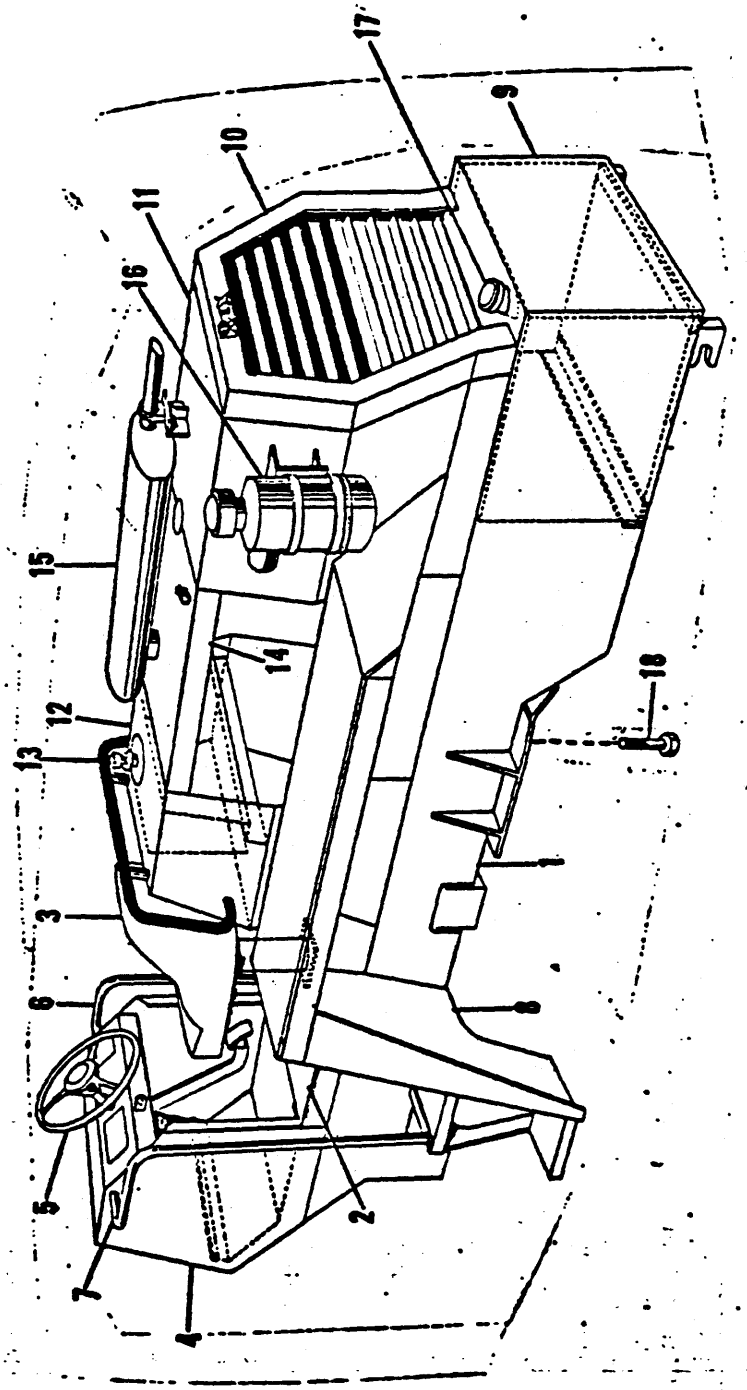
*Rockwell Standard Corp. part numbers.


1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16
17
18
19
20
21
22
23
24
25
26
27
28
29
31
32
33
34
35
36
37
38
39
40
41

TRACTION DRIVE DIFFERENTIAL AXLE BRAKE END – WHEELS AND TIRES
SELF-PROPELLED VIBRATORY ROLLER

Item No.	Part Number	Description	No. Req'd.
1	102-6592-83	Plug (*P-212)	2
2	102-7572-47	Stud (Wheel Hub) (*20-X-262)	16
3	102-7572-46	Nut (Wheel Hub) (*1199-H-112)	16
4	102-6592-36	Nut (Spindle to Housing) (*1827-R-252)	24
5	102-8095-31	Plug – Planetary Spider Drain (Not Illustrated) (*P-16)	2
6	102-8095-32	Set Screw (Planetary Pinion Shaft) (Not Illustrated) (*S-665)	6
7	102-8095-33	Bolt – Spindle to Housing (*S-1920-1)	24
8	102-8095-34	"O" Ring – Hub to Spider (*5-X-589)	2
9	102-8095-35	"O" Ring (*5-X-590)	2
10	102-8095-36	"O" Ring – Spindle to Housing (*5-X-591)	2
11	102-8095-37	Cap Screw – Planetary Spider to Hub (Not Illustrated) (*10-X-667)	32
12	298-162-2	Cup – Hub Bearing – Inner (*27620)	2
13	102-8095-38	Cone – Hub Bearing – Inner (*27691)	2
14	298-65-2	Cup – Hub Bearing – Outer (*34478)	2
15	102-8095-39	Cone – Hub Bearing – Outer (*34300)	2
16	102-8095-40	Wheel Hub & Bearing Cup Assy. (Includes Items 12 & 14) (*A-322-J-452)	2
17	102-8095-41	Nut – Hub Bearing Adjusting with *1846-W-361 Pin (*A1227-H-736)	2
	102-8095-46	Pin only (*1846-W-361)	2
18	102-8095-42	Oil Seal – Axle Shaft (*A-1205-W-829)	2
19	102-8095-43	Oil Seal – Hub Bearing (*A-1805-Z-546)	2
20	102-8095-44	Bushing – Wheel Spindle (*1825-Z-234)	2
21	102-8095-45	Washer – Planetary Pinion Thrust (*1829-C-783)	6
22	102-8095-47	Snap Ring – Planetary Pinion (*1854-Z-182)	6
23	102-8095-49	Button – Axle Shaft Thrust (*1898-Z-858)	2
24	102-8095-50	Brake Drum (*3819-H-450)	2
25	102-8095-51	Shaft – Planetary Pinion (*3880-H-814)	6
26	102-8095-52	Pinion (13T) (*3891-W-1115)	6
27	102-8095-53	Gear – Planetary Sun (20T) (*3892-T-1814)	2
28	102-8095-54	Gear – Final Drive Ring (46T) (*3892-G-2997)	2
29	102-8095-55	Spider – Planetary Pinion (*A-3897-E-1695)	2
30	102-8095-56	Spacer – Brake to Housing (Not Illustrated) (*3897-R-2072)	2
31	102-8095-57	Spindle – Wheel (*A3897-C-2447)	2
32	102-8095-58	Slinger – Oil (*3905-B-80)	2
33	102-8095-60	Back Plate Assembly (*A-3736-Q-771)	2
34	102-8095-61	Brake Shoe & Lining Assembly (*A3-3722-V-334)	2
35	102-8095-62	Cam Bolt & Washer Assy. (*A-2747-A-105)	2
36	102-8095-64	Wheel Cylinder Assy. (*A12-3261-P-16)	2
37	102-6592-13	Cam (*2847-R-200)	4
38	102-8095-66	Spring (*2758-P-153)	4
39	102-7572-57	Return Spring (*2258-T-124)	2
40	102-7572-58	"C" Washer (*1229-H-216)	4
	102-7572-63	"C" Washer (*1229-M-221)	4
41	102-8095-67	Anchor Pin (*1759-L-38)	4
	102-8095-68	Nut (*N-114)	4
	102-1841-72	Lock Washer (*WA-114)	4

*Rockwell Standard Corp. part numbers.

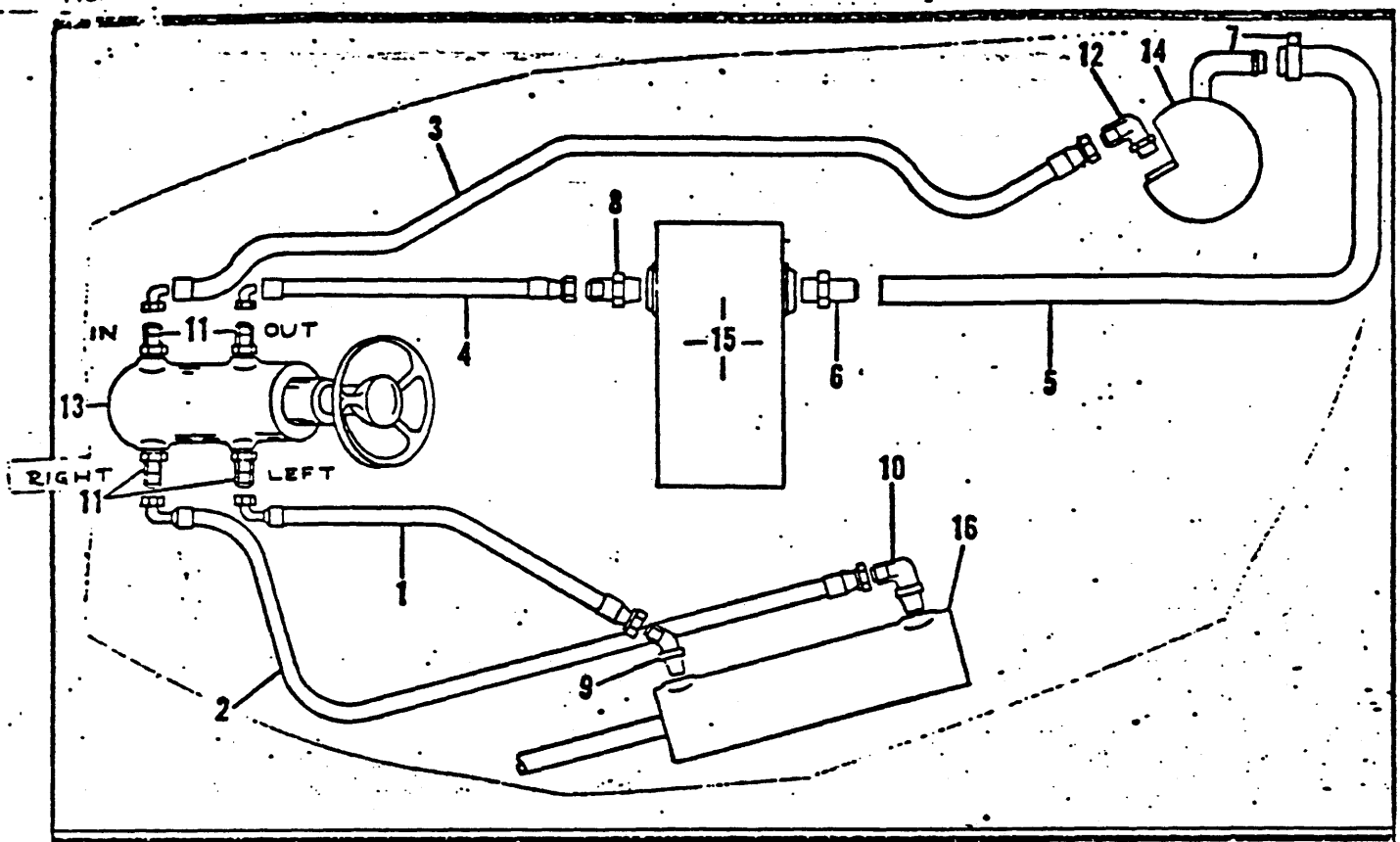


Specify Quantity, Part Number and Description When Ordering

MAIN FRAME – ENGINE HOUSING – OPERATOR'S CONSOLE
REX SELF-PROPELLED VIBRATORY ROLLER

Item No.	Part Number	Description	No. Req'd.
1	502-7088-80	Main Frame	1
	502-6031-80	Operator's Platform	1
2	502-4454-80	Floorboard – Operator's Platform	1
	102-8085-3	Safety Walk Tape	6
	X203699	Channel Rubber – Floorboard	2
	298-214-47	Operator's Seat	1
3	502-2822-80	Plate – Seat Mounting	1
	502-4485-80	Support – Operator's Seat	1
	502-2247-80	Mounting Post	1
	502-6025-80	Operator's Console	1
4	502-4406-80	Cover – Instrument Panel	1
	102-7945-1	Cover – Brake Cylinder	1
	298-68-47	Steering Wheel	1
	298-69-47	Cap – Steering Wheel	1
5	298-9-71	Nut – Steering Wheel	1
	102-8077-1	Orbitrol Steering Unit	1
6	502-4412-81	Hand Rail (R.H.)	1
7	502-4412-80	Hand Rail (L.H.)	1
	502-6032-80	Fender (L.H.) (As Illustrated)	1
8	502-6032-81	Fender (R.H.) (Opposite)	1
	102-8085-2	Safety Walk Tape	6
	502-5997-80	Fuel Tank	1
	502-2799-80	Cap – Filler	1
	102-7947-1	Support Angle	1
	102-7948-1	Spacer – Fuel Tank	1
	502-2213-81	Strap – Fuel Tank	4
	- - - - -	Cotton Webbing 3/16" x 2" x 15' Lg.	1
9	298-2059-56	Sending Unit – Fuel Tank	1
	298-9-97	Washer – Sending Unit	5
	298-2511-68	Gasket – Sending Unit	1
	- - - - -	Pipe Plug 1" (Tank Drain)	1
	502-2786-80	Hose – Fuel Line – Return	1
	502-2787-80	Hose – Fuel Line – Inlet	1
	- - - - -	Pipe Elbow 1/4" x 90°	1
	- - - - -	Reducing Bushing 3/8" x 1/4"	2

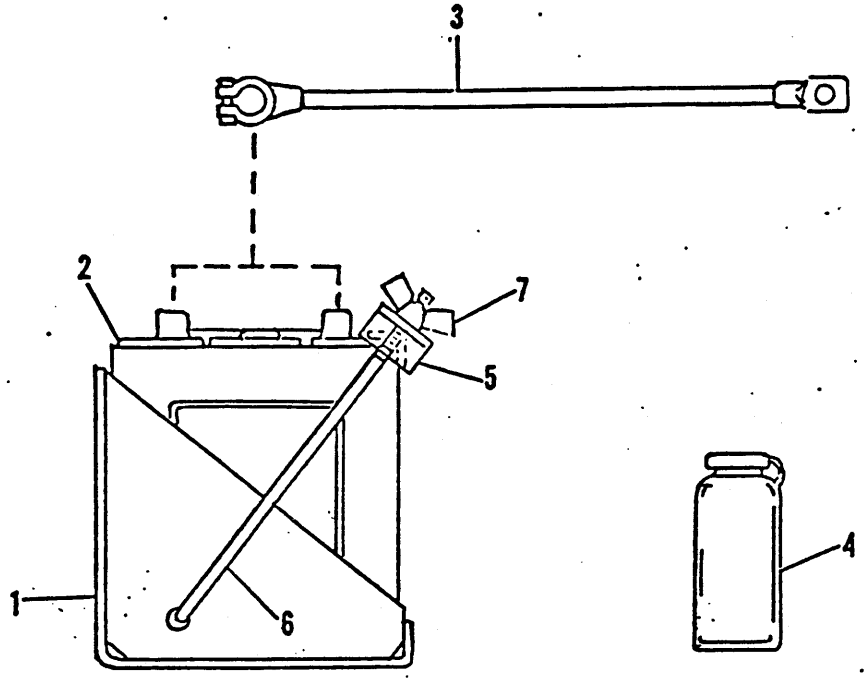
Item No.	Part Number	Description	No. Req'd.
10	502-6033-80	Grille Shroud	1
	502-4457-80	Removable Grille	1
11	502-5993-80	Shroud – Radiator & Pump Compartment	1
12	102-7937-1	Cover – Front Compartment Shell	1
	502-6037-80	Shell – Front Engine & Tank	1
	502-6035-80	Hydraulic Tank	1
	- - - - -	Pipe Coupling 1 1/4"	1
	102-8510-1	Tube – Hydraulic Tank	1
	298-133-53	Filter Element	1
	502-2733-80	Cover – Hydraulic Tank	1
	102-7864-1	Gasket – Tank Cover	1
13	102-7320-1	Cap – Hydraulic Tank	1
	298-2070-56	Sight Gauge – Hydraulic Tank	1
	298-8001-89	Breather – Hydraulic Tank	1
	298-13014-86	Sight Gauge – Hydraulic Tank	1
	298-142-53	Filter (Gear Pump – Tank)	1
	- - - - -	Reducing Bushing (1 1/4" x 1")	1
	298-13010-86	Magnetized Drain Plug	1
14	102-4519-1	Engine Hood	1
	102-4520-1	Side Panel	2
15	298-5149-92	Muffler – Exhaust	1
16	102-8103-1	Air Cleaner	1
	298-5127-92	Air Cleaner Cap	1
17	298-5010-92	Strainer – Fuel Tank	1
18	- - - - -	Cap Screw 3/4" x 8" w/Nut & L.W. (For Axle Mount)	8



POWER STEERING SYSTEM
REX SELF-PROPELLED VIBRATORY ROLLER

Item No.	Part Number	Description	No. Req'd.
1	102-3701-1	Hose Assembly ½" x 75" lg.	1
2	102-3701-2	Hose Assembly ½" x 88½" lg.	1
3	102-3701-3	Hose Assembly ½" x 130" lg.	1
4	102-3701-4	Hose Assembly ½" x 102" lg.	1
5	102-7033-5	Hose ⅝" I.D. x 24" lg.	1
6	298-8018-86	Hose Adaptor (½" MNPT)	1
7	298-9018-86	Hose Clamp	1
8	298-2172-62	Str. Adaptor (½" MNPT - ¾ - 16 STR)	1
9	298-8112-86	Elbow 45° (½" MNPT - ¾ - 16 STR)	1
10	298-2171-62	Elbow 90° (½" MNPT - ¾ - 16 STR)	1
11	298-8110-86	Str. Adaptor (¾ - 16 "O" Ring - J.I.C.)	4
12	298-8111-86	Elbow 90° (¾ - 16 "O" Ring - J.I.C.)	1
13	102-8077-1	Orbitrol Steering Unit	1
14	*102-7949-1	Pump – Steering	1
15	*502-6035-80	Hydraulic Tank	1
16	*102-3725-1	Hydraulic Cylinder – 3" Bore x 20"	1

*See separate illustration for details.



OPTIONAL COLD WEATHER START BATTERY
MOUNTING AND CABLES
REX SELF-PROPELLED VIBRATORY ROLLER

Item No.	Part Number	Description	No. Req'd.
1	502-4579-80	Battery Tray (Please note when this option is used the main frame of roller has been altered per dwg. 602-3072)	1
2	298-3256-17	Battery – Diesel Starting – 12 Volt AABM Group Size – 8D (Delco Model 8DR205, Part No. 761 or Exide, DS-8D7796 or Prestolite Type 8D-A8Y or equal	1
3	102-8383-4	Battery Cable – #00 Ga. x 73" long	1
	102-8383-5	Battery Cable – #00 Ga. x 30" long	1
4	298-3-44	Acid – Electrolytic – 45 oz. Bottle (Military Spec. OS-801A)	1
5	502-2693-80	Clamp – Hold Down – Battery	1
6	102-7766-1	Bolt – Hold Down – Battery	2
7	- - - - -	Wing Nut ⅜" (Can be used)	2
	298-2012-71	Lock Nut ⅜" N.C. (Normally used in place of Wing Nut)	2
	- - - - -	Cut Washer ⅜"	2

INSTRUCTION – NAME PLATES – DECALS
NOT ILLUSTRATED

Item No.	Part Number	Description	No. Req'd.
1	102-3248-1	Plate – Lubrication	2
2	102-4546-1	Plate – Instruction	1
3	102-1282-1	Plate – Model & serial no.	1
4	- - - - -	Type "U" Drive Screw 10 x 1/4"	16
5	402-1540-1	Name Plate – Rex	3
	- - - - -	Nut & L. W. 5/16"	9
6	102-3736-1	Plate – Warning	1
7	102-3737-1	Plate – Lubrication – Maint.	1
8	102-3788-1	Plate – Vibrator control	1
9	102-3789-1	Plate – two speed control	1
10	298-4054-47	Emblem – S M V	1
11	102-3845-1	Plate – Warning	2
12	102-8368-1	Decal – frequency (Ref. only see instrument cluster illustration	1

manufacturers of:

REX

truck-mounted concrete mixers
slip-form concrete pavers
concrete spreaders
asphalt finishers
concrete mobile batch plants
concrete permanent batching plants
conveyors
computerized concrete and asphalt batching controls
soil stabilizers
single and double drum vibratory rollers
embankment compactors
sanitary landfill compactors

REXWORKS

Rexworks Inc., Milwaukee, Wisconsin 53201
(414) 747-7200 Telex: 275371 Cable: REXCM

Printed in U.S.A.

International Offices: Milwaukee, Miami, Bogota, Singapore, Paris
Distributors in all principal cities of the world

REX REPAIR PARTS

BULLETIN 463
S.P. VIBRATORY ROLLER
SERIAL NO. HX – 157 & Up

9/72

REX CHAINBELT INC.

CONSTRUCTION MACHINERY SECTION, MILWAUKEE, WISCONSIN 53201

MANUFACTURERS OF:

Truck Mixers
Building Mixers
Pumps
Pumpcrete
Airport and Road Forms
Pavers
Loaders
Finishers
Floats
Spray Cure Machines
Subgrade Planer and Tester
Slurry-Matic
Conveyors
Road Batch Plants
Central Mix Plants
Dry Batch Plants
Automation
Pulvi-Mixers
Trav-L-Plants
Pneumatic Compactors
Steel Wheel Rollers
Material Spreaders
Concrete Breakers
REX Pactor

INDEX

BULLETIN 463

REX SELF-PROPELLED VIBRATORY ROLLER
Eff. Ser. No. HX-157, Up

Description	Page No.
AIR CLEANER	4
ARTICULATING JOINT	41, 42, 43, 44
CONTROLS	
Controls Assembly – Morse	35, 36
Controls Assembly – Operators' Console	31, 32, 33
Control Box – Vibration Meter	30
Controls – 2-Speed Shift	34
Control Unit – Power Steering	39, 40
DAMAGE CLAIMS	P1B
FRAME – ENGINE HOUSING, ROLL, TANKS	1, 2, 3
HYDRAULICS	
Hydraulic Piping – Traction Drive	9, 10
Hydraulic Piping – Vibrator	19, 20
Hydraulic Pump – Steering	38
Hydraulic Pump – Traction	8
Hydraulic Pump – Vibrator	29
Hydraulic Motor – Traction	14
Hydraulic Motor – Vibrator	21, 22
Hydraulic System – Steering	37
INSTRUCTIONS FOR ORDERING PARTS	P1B
OPTIONAL EQUIPMENT	
Optional Cold Weather Start	56
Optional Water System	45, 46, 47, 48
Optional Wheels, Tires	1, 2, 3
Optional Wheel Scrapers	51
Optional Wiper Mats Roll and Tires	49, 50
POWER UNIT	5, 6, 7
TRACTION DRIVE	
Traction Drive Axle	11, 12, 13
Traction Drive Hydrostatic Motor	14
Traction Drive Hydrostatic Pump	8
Traction Drive Transmission – 2-Speed	15, 16
Traction Drive Wheel Ends	17, 18
VIBRATOR	
Vibratory Roll (R.H.)	23, 24
Vibratory Roll (L.H.)	25, 26
Vibration Amplitude Indicator	27, 28
WATER PUMP – JABSCO	52
WIRING	
Wire Sets – G.M.	55
Wiring – Frequency Meter	53
Wiring – Lights	54
Wiring – Spray Bar	55

INSTRUCTIONS FOR ORDERING PARTS

Order repair parts from your Rex distributor. Specify quantity, part number and name of part. Do not order by reference number or state quantity wanted in terms of sets or pairs.

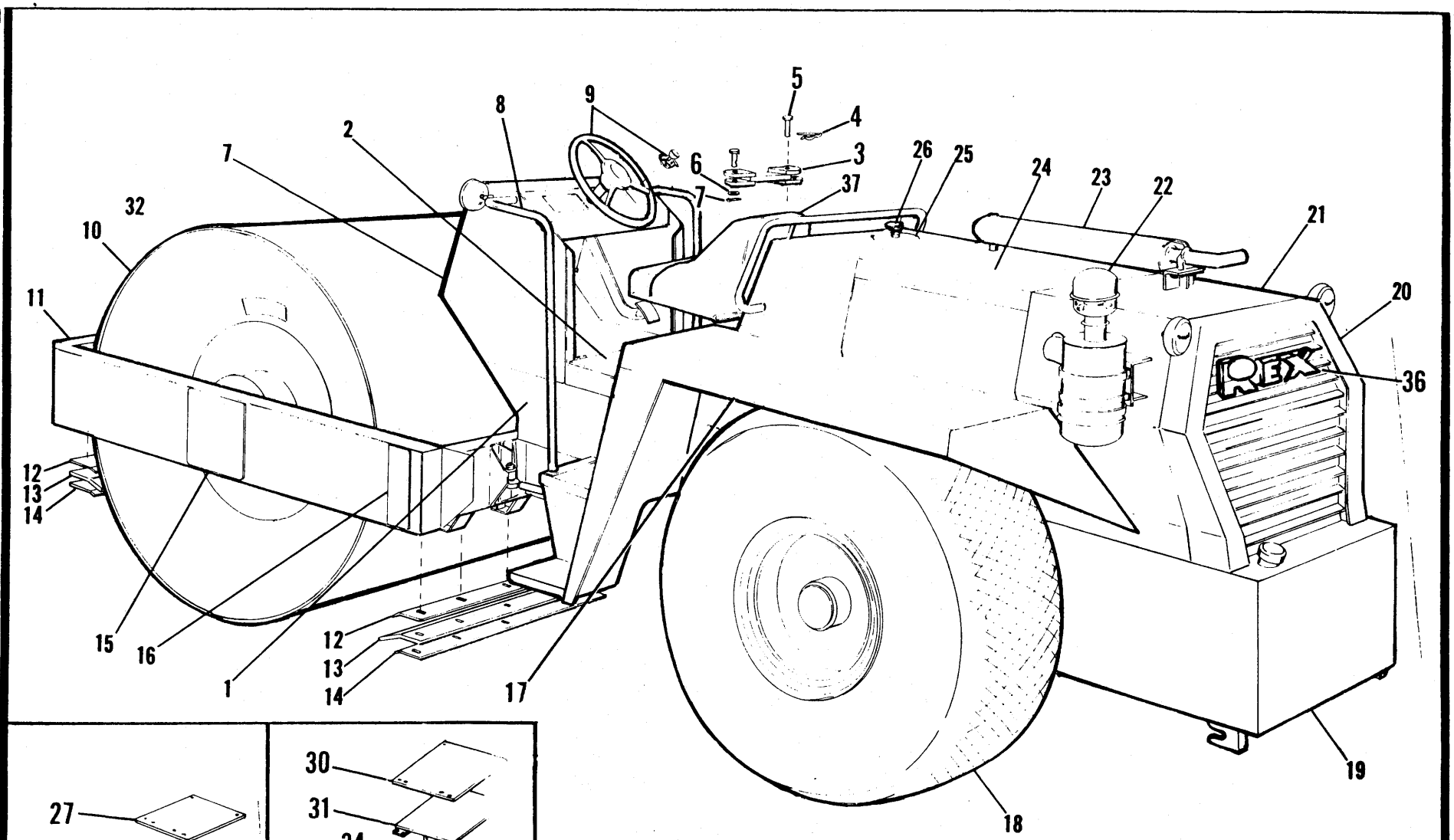
Always give serial number of machine. This is very important. The serial number is stamped on manufacturers' plate which is attached to the frame of machine.

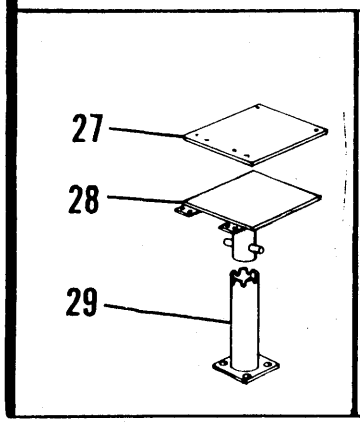
Be particular to give complete shipping address mentioning town, county, and state. Also give billing instructions and address. Tell whether to ship via parcel post, express, air express, or freight.

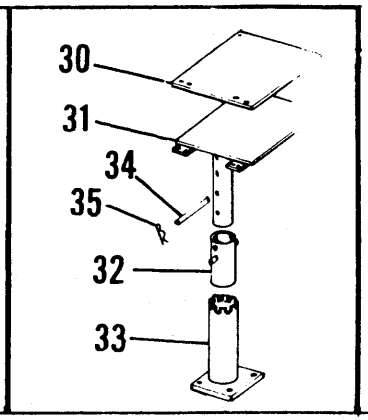
DAMAGE CLAIMS

When broken goods are received, a full description of the damage should be made by the carrier agent on the freight bill. If this description is insisted on, full damage can always be collected from the transportation company.

We assume no responsibility for delay or damage to merchandise while in transit. Our responsibility ceases upon delivery of shipment to the transportation company, from whom a receipt is received showing that shipment was in good condition and properly packed when delivered to them; therefore, claims for parts lost or broken in transit should be made BY YOU to the transportation company.







MAIN FRAME – ENGINE HOUSING – ROLL
ROLL FRAME & SCRAPER – TRACTION DRIVE WHEELS
FUEL TANK – HYDRAULIC TANK
REX SELF-PROPELLED VIBRATORY ROLLER

Previous to HX-157

Effective Ser. No. HX-157

REX CHAINBELT INC
PRINTED IN U.S.A.

MAIN FRAME – ENGINE HOUSING – ROLL
ROLL FRAME & SCRAPER – TRACTION DRIVE WHEELS
FUEL TANK – HYDRAULIC TANK

Item No.	Part Number	Description	No. Req'd.
1	502-7108-80	Main Frame	1
	- - - - - -	Cap Screw ¾" x 8"	8
	502-6031-80	Operator's Platform	1
2	502-4454-80	Floorboard – Operator's Platform	1
	X203699	Channel Rubber – Floorboard	2
	102-8085-3	Safety Walk Tape 4" x 18"	6
3	502-8081-80	Steering Lock	1
4	298-131-47	Hair Pin – Steering Lock	1
5	502-8082-80	Pin – Steering Lock	2
6	- - - - - -	Cut Washer 1"	1
7	- - - - - -	Cotter Pin 5/16" x 2½"	1
8	502-4412-80	Hand Rail (L.H.) (As Illus.)	1
	502-4412-81	Hand Rail (R.H.) (Opposite)	1
	298-68-47	Steering Wheel	1
	298-69-47	Cap – Steering Wheel	1
9	298-9-71	Nut – Steering Wheel	1
	298-278-47	Knob – Steering Wheel	1
	- - - - - -	Carriage Bolt, ¼" x ¾" Cad. Plated	2
	102-8077-1	Orbitrol Steering Unit (See Sep. Illus.)	1
10	602-5925-2	Vibratory Roll Assy. (See Sep. Illus.)	1
11	502-7107-80	Frame for Vibratory Roll	1
12	102-3818-1	Top Bar – Scraper	2
13	102-3820-1	Rubber Scraper	2
14	102-3819-1	Bottom Bar – Scraper	2
15	102-4518-1	Cover – Roll Shaft	2
16	102-3655-1	Cover – Frame End	2
	502-6032-80	Fender (L.H.) (As Illus.)	1
17	502-6032-81	Fender (R.H.) (Opposite)	1
	102-8732-1	Reflective Tape 4" x 72"	6
	102-8733-1	Reflective Tape 6" x 72"	6
18	502-5995-80	Wheel – All Weather Traction Tire (Machines w/o Fluid Handling Systems)	2

(Item 18 Continued)

Item No.	Part Number	Description	No. Req'd.
	502-4731-80	Wheel for Smooth Tire. 14" wide Rim x 30" Dia. (for Machines with Fluid Handling Systems)	2
	502-4734-80	Wheel for Smooth Tire. 16.9" wide x 30" Dia. (Used for narrowing the wheel base & replaces the above wheels in pairs only.	2
18 Cont'd.	298-6014-68	Tire, 8 Ply – All-Weather	2
	298-6048-68	Tire, Smooth 16.9 x 30"	2
	298-6023-68	Tube for All-Weather Tire	2
	298-6049-68	Tube for Smooth Tire	2
	298-5534-68	Plug, Valve Hole #221 (for All-Weather Tire only)	2
	502-5997-80	Fuel Tank	1
	298-25-98	Fuel Cock – at bottom side of Tank	1
	502-2799-80	Filler Cap	1
	- - - - -	Pipe Plug 1"	1
	- - - - -	Pipe Plug ⅜"	2
	102-7947-1	Support Angle	1
	102-7948-1	Spacer – Fuel Tank	1
	502-2213-80	Strap – Fuel Tank	4
19	- - - - -	Cotton Webbing 5/16" x 2" x 15 ft.	1
	298-2059-56	Sending Unit – Fuel Tank	1
	298-2511-68	Gasket – Sending Unit	1
	- - - - -	Rd. Hd. Mach. Screw 10-32 x ½"	5
	- - - - -	Lock Washer 5/16"	5
	- - - - -	Pipe Plug 1" (Drain)	1
	298-5010-92	Strainer – Fuel Tank	1
	- - - - -	Reducing Bushing ⅜" x ¼"	2
	502-2786	Hose – Fuel Line – Intake	1
	502-2787	Hose – Fuel Line – Return	1
20	502-6033-80	Grille Shroud	1
	502-4457-80	Removable Grille	1

REX CHAINBELT INC.
PRINTED IN U.S.A.

MAIN FRAME – ENGINE HOUSING – ROLL
ROLL FRAME & SCRAPER – TRACTION DRIVE WHEELS
FUEL TANK – HYDRAULIC TANK

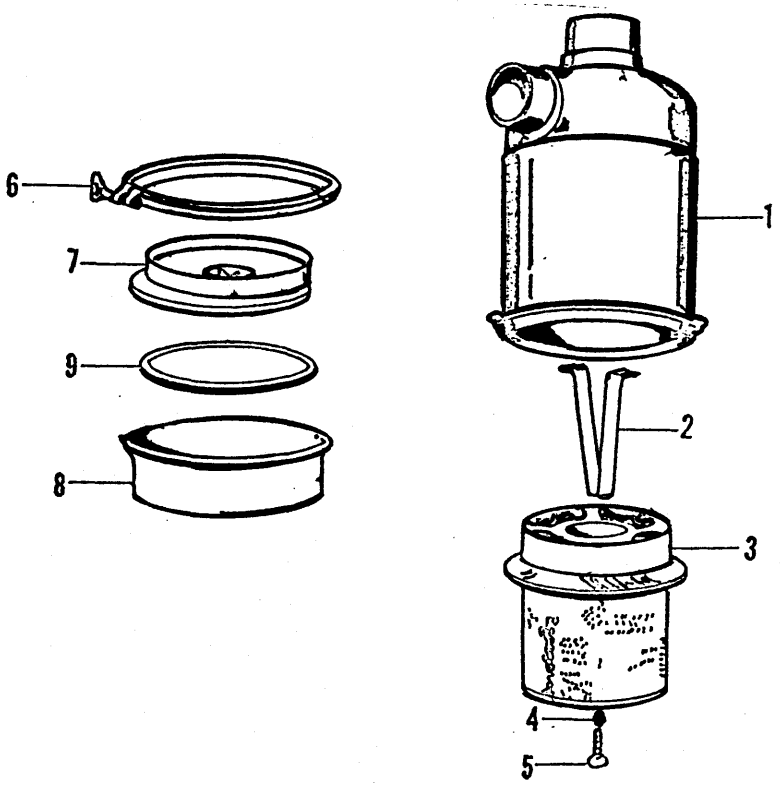
Item No.	Part Number	Description	No. Req'd.
21	502-5993-80	Shroud – Rad. & Hyd. Pump	1
	- - - - -	Cap Screw ⅜" x 1"	4
22	- - - - -	Air Intake (See Power Unit)	1
23	- - - - -	Air Exhaust (See Power Unit)	1
24	102-4519-1	Engine Hood	1
	102-4520-1	Side Panel	2
25	102-7937-1	Cover – Front Compartment Shell	1
	502-6037-80	Shell – Front Engine & Shell	1
26	502-6035-80	Hyd. Oil Tank	1
	102-8412-1	Cover Plate	1
	102-7864-1	Cover Gasket	1
	- - - - -	Cap Screw ⅜" x 1"	3
	- - - - -	Pipe Plug 1"	3
	- - - - -	Pipe Plug ½"	1
	- - - - -	Pipe Coupling 1¼"	1
	102-8510-1	Tube – Hyd. Tank	1
	298-133-53	Filter Element	1
	502-2733-80	Cover – Hyd. Tank	1
	102-7320-1	Cap – Hyd. Tank	1
	298-8001-89	Breather – Hyd. Tank	1
	298-13010-86	Drain Plug – Magnetized	1
	298-2070-56	Sight Gauge – Hyd. Tank	1
27	502-2822-80	Plate – Seat Mounting	1
28	*502-4485-80	Support – Seat Mounting	1
29	502-2247-80	Post – Seat Support Mounting	1
30	- - - - -	Plate – Seat Mounting	1
31	502-4664-80	Support – Plate	1
32	502-8029-80	Seat Support Post Sleeve	1
33	- - - - -	Post	1
34	102-8753-1	Pin	1
35	298-50-47	Hair Pin	1
36	402-1540-1	REX Nameplate	3

* When 502-4485-80 is needed for Service on machines Previous to HX-157, Items 31, 32, 34 & 35 can be furnished.

REX Specify Quantity, Part Number and Description When Ordering

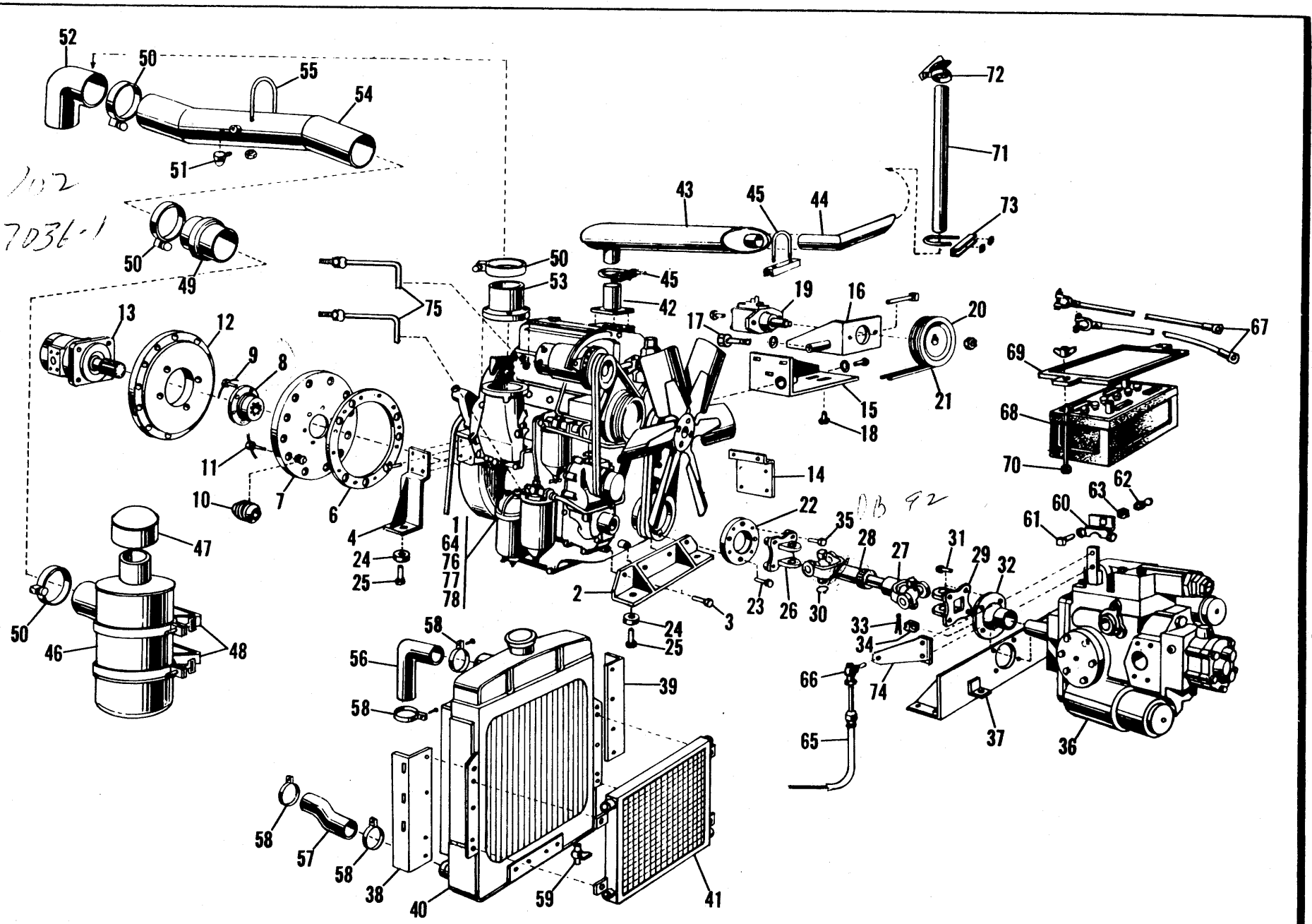
Always Give Serial Number of Machine

REX CHAINBELT INC
PRINTED IN U.S.A.



AIR CLEANER
CYCLOPAC F.W. SERIES
REX PART NO. 102-8103-1
DONALDSON CO., INC. #FWA10-0017

Item No.	Part Number	Description	No. Req'd.
1	- - - - -	Body Assembly (Reference Only)	1
2	- - - - -	Yoke (Reference Only)	1
3	102-8103-2	Element Assembly (*P10-1234)	1
4	102-8103-3	Gasket Washer	1
5	- - - - -	Thumb Screw (Reference Only)	1
6	- - - - -	Clamp Assembly (Reference Only)	1
7	- - - - -	Baffle Assembly (Reference Only)	1
8	- - - - -	Cup Assembly (Reference Only)	1
9	102-8103-4	Cup Gasket (*P18663)	1



Specify Quantity, Part Number and Description When Ordering

Always Give Serial Number of Machine

REX CHAINBELT INC.
PRINTED IN U.S.A.

POWER UNIT
MUFFLER – AIR CLEANER – RADIATOR & HOSES
TRACTION AND EXCITER DRIVE HYDRAULIC PUMPS (Cont'd.)

Item No.	Part Number	Description	No. Req'd.
1	102-8358-1	Diesel Engine – General Motors Corp. Series 3-53 Model 5033-7201 with the following features: (See Engine Parts Book)	1
	- - - - -	S.A.E. #4 Flywheel for use with Rockford 11TT Clutch	
	- - - - -	S.A.E. #4 Flywheel Housing	
	- - - - -	Governor – Variable Speed with Closed Linkage set at 2400 F.L. and approx. 2600 N.L.	
	*6K1-469	Fan – 18" Dia. Suction – 5 Blade	
	- - - - -	Fan Belt for Fan Mounted 12" above Engine centerline	
	- - - - -	Air Inlet Housing for Remote Mounted H.D. Air Cleaner	
	- - - - -	Lube Oil Filter, F.F. Mounted on Oil Cooler	
	- - - - -	Exhaust Manifold, Center Vertical Outlet	
	- - - - -	Water Connections less Radiator Conn.	
	- - - - -	Battery Charging Generator 12 Volt 25 Amp.	
	- - - - -	Starting Motor 12 Volt (Sprag.)	
	- - - - -	Oil Pan, Shallow, for 10° Operation	
	- - - - -	Oil Pan Dipstick for 10° Pan	
	- - - - -	Breather on Flywheel Housing	
	- - - - -	Plain Rocker Cover with Oil Filler on Side	
	- - - - -	Injectors, S45	
	- - - - -	Exhaust Outlet Flange – 3" Pipe Thds.	
	- - - - -	Oil Cooler – Engine only	
	*5126687	C.S. Pulley – 2 Groove – Cone Drive (*6K1A-153)	

Item No.	Part Number	Description	No. Req'd.
1 (Cont'd.)	102-7774-1	Diesel Engine (Cont'd.)	
	- - - - -	Tachometer Drive Mounted on R.H. Balance Shaft when viewing Engine from Flywheel End 90° Adapter – 1 to .500 Ratio giving a Cable Speed of twice Engine Speed	
	*5124405	Gasket – Air Inlet Housing	
	*5186687	Name Plate (Emergency Shut-down)	
	*5184255	Name Plate (Pull to Stop)	
	*1110955	Voltage Regulator	
2	502-4399-80	Front Support – Engine	1
3	- - - - -	Cap Screw 7/16" x 1¼" with L.W.	2
	- - - - -	Cap Screw ⅜" x 1½" with Nut & L.W.	2
4	502-4257-81	Support – Rear (As Illus.) (R.H.)	1
	502-4257-80	Support – Rear (Oppos.) (L.H.)	1
5	- - - - -	H.C.-H.T. Cap Screw ½" x 1¾" w/L.W.	8
6	102-3283-1	Adapter – Flywheel	1
	- - - - -	Nyloc Cap Screw ⅜" x 1" – Soc. Hd. H.T.	6
7	102-5164-1	Drive Plate	1
8	402-624-4	Hub – Drive Plate	1
9	102-7362-1	Drilled Cap Screw 5/16" w/L.W.	6
10	102-7361-1	Joint – Center Bonded	12
11	102-7360-1	Drilled Cap Screw	12
12	102-3666-1	Adapter Plate – Gear Pump	1
	- - - - -	Cap Screw ⅜" x 1½" w/L.W.	12
13	102-8704-1	Hydraulic Pump – Exciter Drive (See Sep. Illus.)	1
	- - - - -	Cap Screw ½" x 1½" w/L.W.	4
14	102-3694-1	Bracket – Mount – Voltage Regulator	1
	- - - - -	Cap Screw ⅜" x 1" w/L.W.	2
15	502-2735-80	Bracket – Steering Pump	1
16	502-2736-80	Bracket – Steering Pump	1
17	- - - - -	Cap Screw ½" x 2½"	1

* General Motors Corp. Part Numbers – See Engine Parts Book.

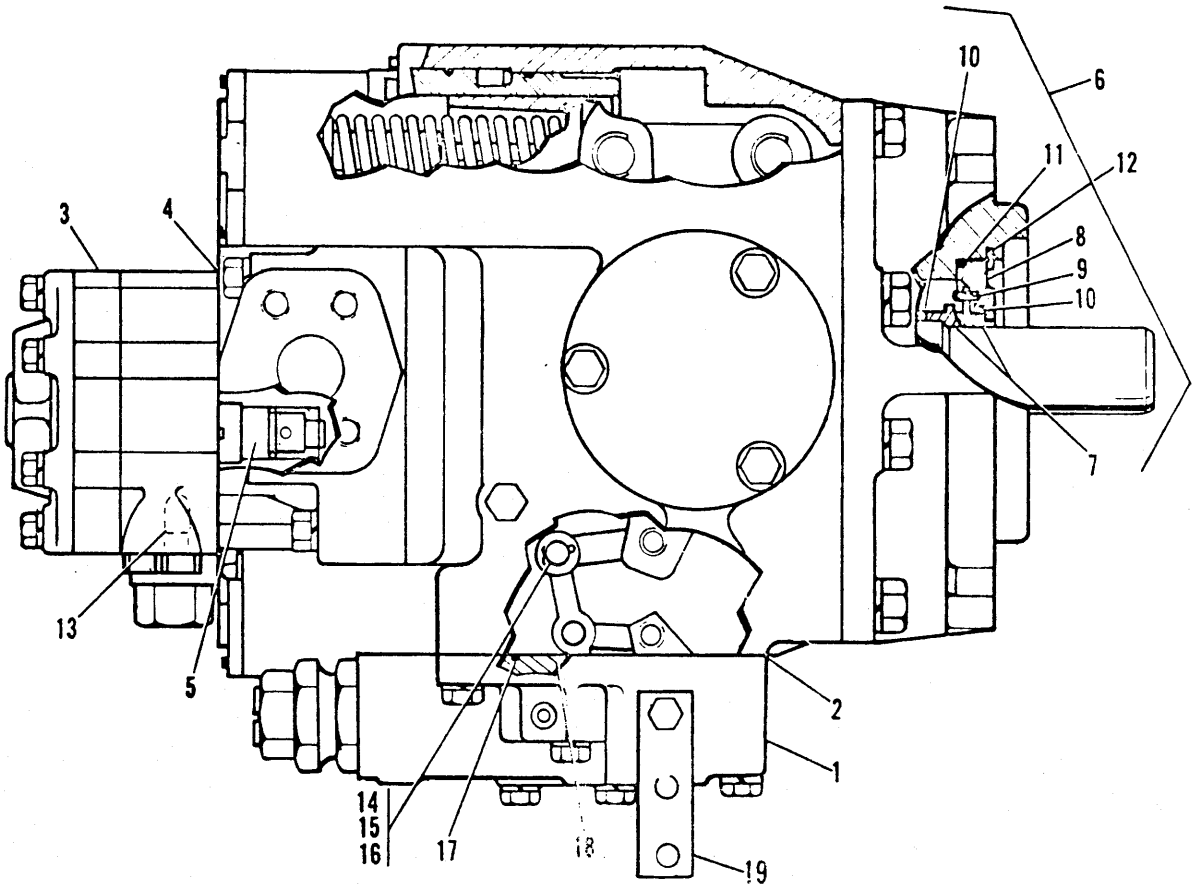
REX CHAINBELT INC.
PRINTED IN U.S.A.
Specify Quantity, Part Number and Description When Ordering REX

POWER UNIT
MUFFLER – AIR CLEANER – RADIATOR & HOSES
TRACTION AND EXCITER DRIVE HYDRAULIC PUMPS

Item No.	Part Number	Description	No. Req'd.
18	- - - - -	Cap Screw ⅜" x 1" w/L.W.	5
	- - - - -	Cap Screw ½" x 1¾" w/C.W. & Lock Nut	2
19	102-7949-1	Hydraulic Pump (Steering) (See Sep. Illus.)	1
20	102-3675-1	Sheave – Steering Pump	1
21	298-7073-91	"V" Belt (Maurey #3V-355)	1
22	102-3680-1	Adapter – Flange Yoke	1
23	- - - - -	Nyloc Socket Head Cap Screw 5/16" x 1"	4
24	298-5515-68	Mounting Bushing	4
25	- - - - -	Cap Screw ½" x 3" w/Nut, L.W. & C.W.	4
26	102-3886-1	Flange Yoke X203740	1
27	X203761	Shaft Yoke	1
28	102-7036-1	Sleeve Yoke	1
29	X203765	Flange Yoke	1
30	X203741	Snap Ring	4
31	298-41-93	Special Cap Screw ⅜" x 1" w/L.W.	4
32	102-7723-1	Companion Flange	1
33	- - - - -	Cotter Pin ⅛" x 2"	1
34	102-7725-1	Slotted Nut 1"-20 U.N.F.	1
35	- - - - -	H.C.-H.T. Cap Screw 7/16" x 1½" w/Nut & L.W.	4
36	102-8705-1	Hydrostatic Pump – Traction Drive (See Sep. Illus.)	1
	- - - - -	Cap Screw ½" x 1½" w/Nut & L.W.	4
37	502-4398-80	Bracket – Hydraulic Pump	1
	- - - - -	Cap Screw ½" x 1½" w/C.W.	4
	298-2010-71	Lock Nut ½"	4
38	102-3954-1	Mounting Bracket (R.H.)	1
	- - - - -	Cap Screw ⅜" x 1" w/Nut, L.W. & C.W.	6
39	102-3954-1	Mounting Bracket (L.H.)	1
	- - - - -	Cap Screw ⅜" x 1" w/Nut, L.W. & C.W.	6
40	102-6518-1	Radiator	1
41	298-5054-92	Oil Cooler	1
	- - - - -	Cap Screw 5/16" x 1" w/L.W.	4
42	502-2738-80	Adapter – Exhaust	1
43	298-5149-92	Muffler – Exhaust	1
44	298-5153-92	Elbow – Exhaust	1
45	298-205-47	Muffler Clamp	2

Item No.	Part Number	Description	No. Req'd.
46	102-8103-1	Air Cleaner (See Sep. Illus.)	1
47	298-5127-92	Cap – Air Cleaner	1
48	298-5126-92	Mounting Band	2
49	298-5091-92	Straight Hump – Air Cleaner	1
50	298-9016-86	Hose Clamp	4
51	298-6509-68	Indicator – Air Cleaner	1
52	298-5092-92	Elbow 4" x 90°	1
53	502-2781-80	Adapter Tube – Air Inlet	1
54	502-2780-80	Tube – Air Cleaner	1
55	298-216-47	Tube Clamp	1
56	102-3289-1	Hose – Upper – Radiator	1
57	298-5573-68	Hose – Lower – Radiator	1
58	298-9005-86	Hose Clamp	4
59	298-20-98	Drain Cock – Radiator	1
60	502-2157-80	Bracket – Stop – Pump	1
61	- - - - -	Square Head Set Screw ⅜" x 1½"	2
	- - - - -	Hex Nut ⅜"	2
62	298-6085-17	Switch – Neutral Start	1
63	102-6973-1	Special Nut	1
64	298-2066-56	Oil Pressure Sending Unit	1
65	102-8672-1	Control Cable – Direction	1
66	X202821	Ball Joint (¼"-28)	1
67	102-8523-1	Battery Cable 73"	1
	102-8523-2	Battery Cable 30"	1
68	298-3294-17	Battery – 65 Amp. Hr.	1
69	298-252-47	Frame with Clamp (Battery)	1
70	- - - - -	Carriage Bolt 5/16" x 10" w/Nut & L.W.	2
71	298-5154-92	Exhaust Extension	1
72	298-5155-92	Weather Cap	1
73	298-205-47	Clamp – Exhaust	1
74	502-2754-80	Lever – Pump Control	1
75	502-2786-80	Hose – Fuel Line – Return	1
	502-2787-80	Hose – Fuel Line – Inlet	1
76	298-2067-56	Water Temperature Sending Unit	1
77	298-92-47	Ether Cup	1
78	298-2071-62	Adapter 90° Inlet Line to Fuel Filter	1

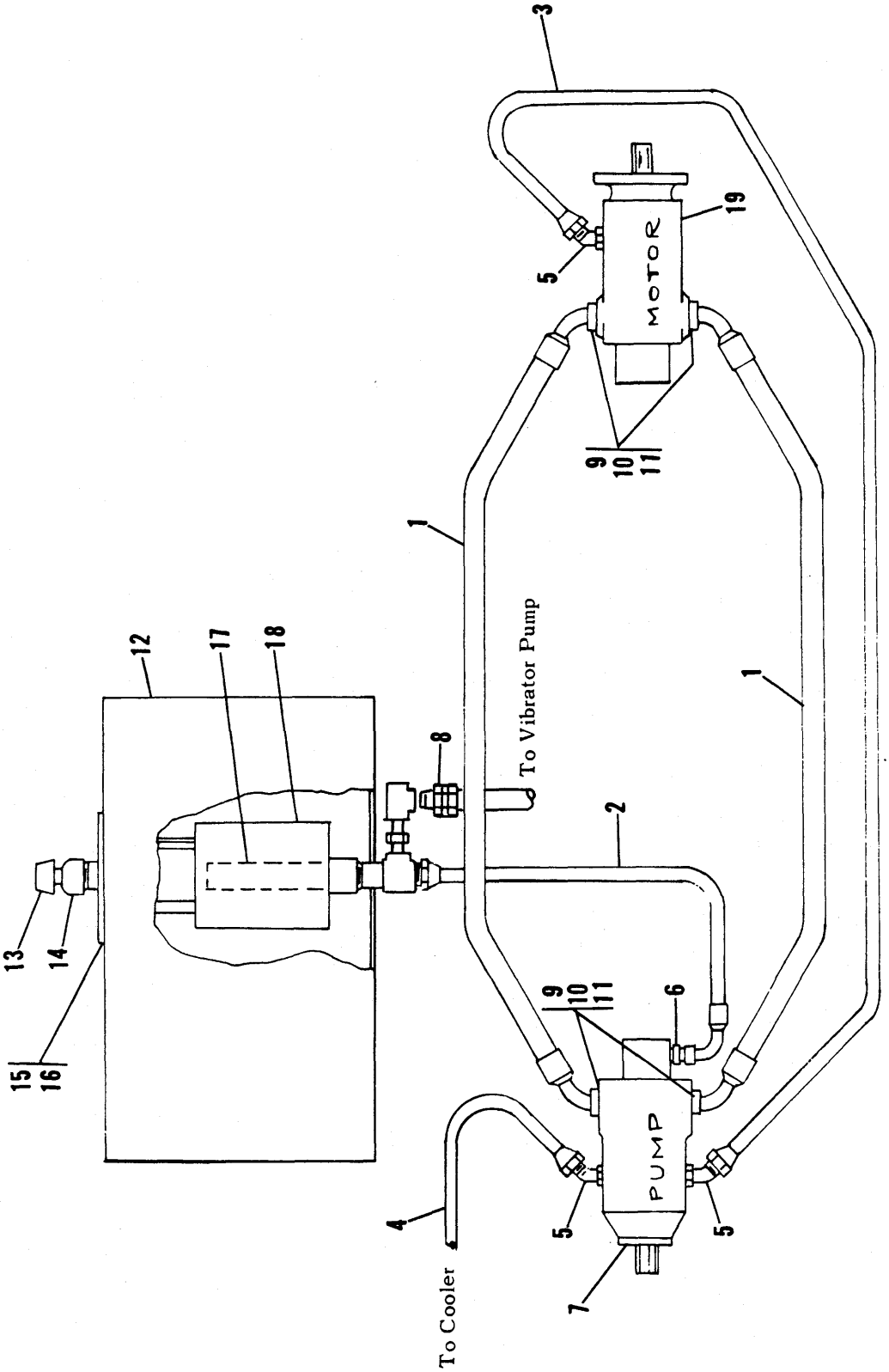
REX CHAINBELT INC.
PRINTED IN U.S.A.



HYDROSTATIC PUMP – TRACTION DRIVE
SUNDSTRAND MODEL NO. HT22-2081
REX Part No. 102-8705-1

Item No.	Part Number	Description	No. Req'd.
1	102-4365-4	Control Valve (*9800893)	1
2	102-4365-6	Gasket – Control Valve (*9800138)	1
3	102-4365-7	Charge Pump (*9800629-04)	1
4	102-4365-11	Gasket – Charge Pump (*9220327)	1
5	102-4365-12	Check Valve (*9800648)	1
6	102-4365-1	Seal Kit (*9510022) Consists of Items 7 thru 11 Inclusive	1
7	*9210247	Shaft Seal	1
8	*9210248	Housing Seal Retainer	1
9	*9220242	Seal Spring	6
10	*9004102	"O" Ring	2
11	*9004100-2340	"O" Ring	1
12	102-4365-47	Retaining Ring (*9006320-0025)	3
13	102-4365-52	Charge Pump Relief Valve Poppet (*9800597)	1
14	102-4365-48	Cotter Pin (*9004600-0607)	1
15	102-4365-49	Pin (*9220441)	1
16	102-4365-50	Washer (*9009610-2850)	1
17	- - - - -	Orifice (.036" Dia.) (*9800483)	1
18	- - - - -	"O" Ring for .036" Orifice	3
19	102-4365-46	Control Shaft Handle (*9800690)	1

* Sundstrand Corp. Part Numbers



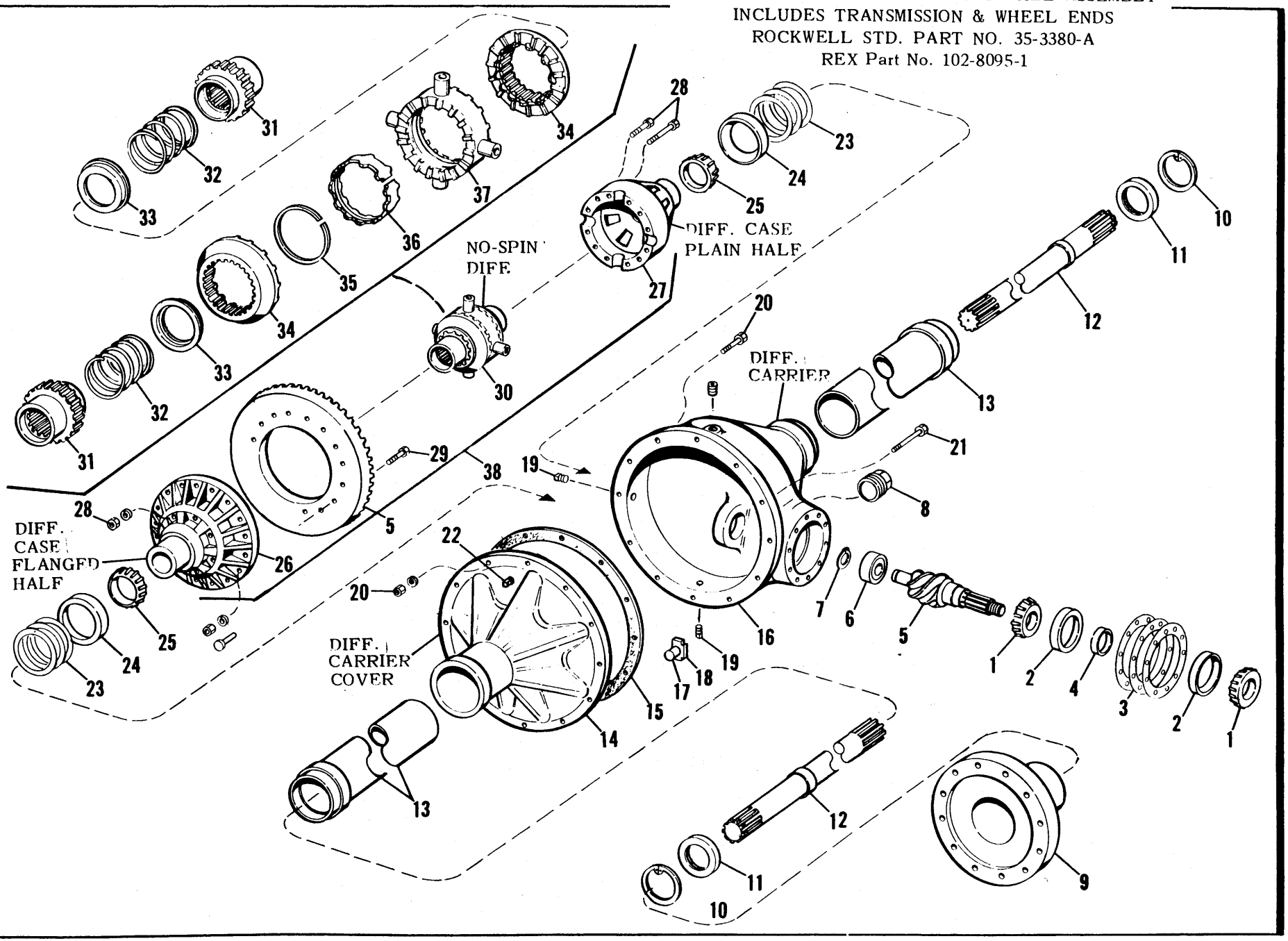
TRACTION DRIVE HYDRAULIC SCHEMATIC
REX SELF-PROPELLED VIBRATORY ROLLER

HYDRAULIC PIPING
FOR TRACTION DRIVE

Item No.	Part Number	Description	No. Req'd.
1	102-3691-1	Hose Assy. 1" w/Flange Elbow 45° Both Ends	2
2	102-3688-1	Hose Assy. ¾" I.D. with ¾" Male N.P.T.F. & 1 1/16"-12 Female Swivel El. 90°	1
3	502-2783-80	Hose Assy. ⅞" Female N.P.T. Both Ends	1
4	502-8005-80	Hose Assy. ⅝" I.D. x 20" with ½" Male N.P.T. & ⅞"-14 JIC Female Swivel	1
5	298-8118-86	Elbow ⅞" x 45°	3
6	298-8078-86	Straight Adapter ⅞" N.P.T. to 1 1/16" JIC	1
7	102-8705-1	Hydrostatic Pump – Traction Drive (See Sep. Illus.)	1
8	102-3849-1	Hose Assy. ¾" I.D. x 30" lg. ¾" Male N.P.T. Both Ends	1
9	102-1594-4	"O" Ring – 1 5/16" I.D. x 1 7/16" O.D.	4
10	298-8033-86	Split Flange Clamp 1"	8
11	- - - - -	Cap Screw ⅜" x 1¼" HC, HT w/L.W.	16
12	502-6035-80	Hydraulic Tank	1
13	298-8001-89	Breather	1
14	102-7320-1	Filler Cap	1
15	102-7864-1	Cover Gasket	1
16	502-2733-80	Cover for Hydraulic Tank	1
17	102-8510-1	Tube – Reservoir	1
18	298-133-53	Filter Element	1
19	102-8506-1	Hydrostatic Motor (See Sep. Illust.)	1

REX CHAINBELT INC.
PRINTED IN U.S.A.
Specify Quantity, Part Number and Description When Ordering
REX

TRACTION DRIVE RIGID PLANET AXLE ASSEMBLY
INCLUDES TRANSMISSION & WHEEL ENDS
ROCKWELL STD. PART NO. 35-3380-A
REX Part No. 102-8095-1



REX Specify Quantity, Part Number and Description When Ordering

Always Give Serial Number of Machine

REX CHAINBELT INC.
PRINTED IN U.S.A.

TRACTION DRIVE RIGID PLANET AXLE ASSEMBLY
INCLUDES TRANSMISSION & WHEEL ENDS
ROCKWELL STD. PART NO. 35-3380-A
REX Part No. 102-8095-1

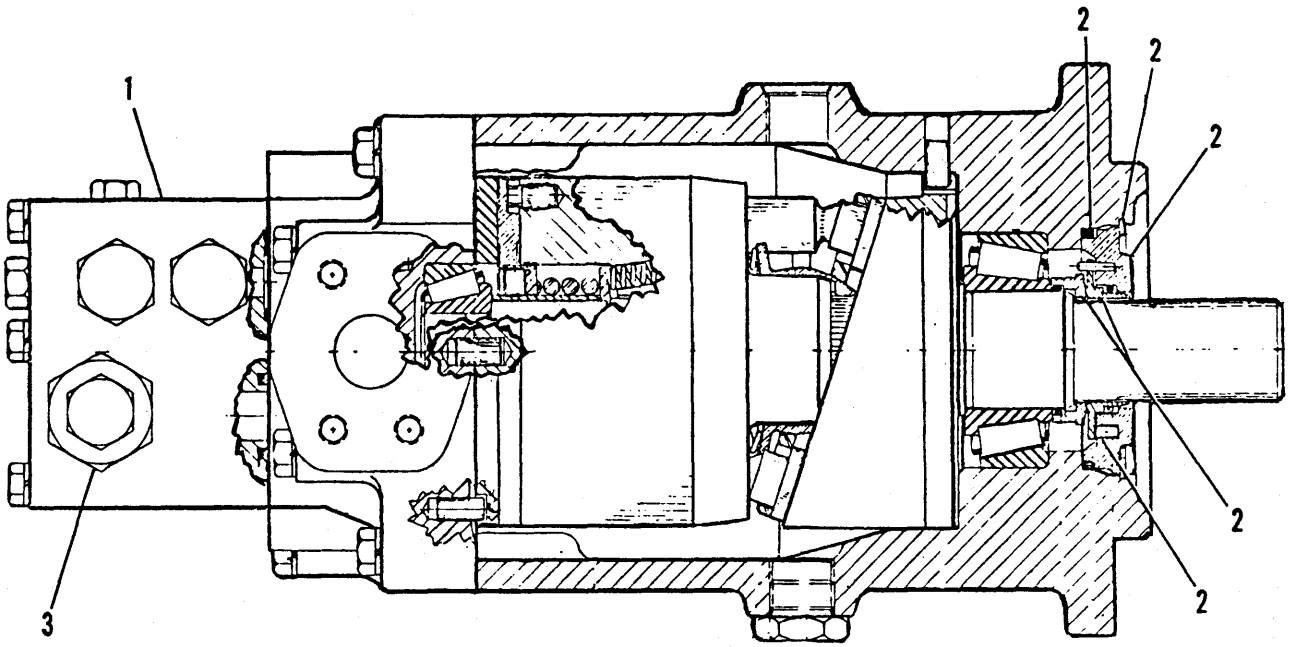
Item No.	Part Number	Description	No. Req'd.
1	102-6168-57	Cone – Bevel Pinion Brg. (Inner & Outer) (*55176-C)	2
2	102-1514-20	Cup – Bevel Pinion Brg. (Inner & Outer) (*55443)	2
3	102-1514-22	Shim – Bevel Pinion Brg. .003 (*2803-W-1791)	3
	102-1514-23	.005 (*2803-X-1792)	3
	102-1514-24	.010 (*2803-Y-1793)	1
4	102-6168-73	Spacer Set; Bevel Pinion Brg. .219 (*2203-N-1054) thru .254 (*2203-Y-1065)	AR
		(Two, As Required)	AR
5	102-1514-18	Matched Set; Gears (XA35350) Ring Gear (*35350) and Pinion (*35131) (Not Sold Separately)	1 1
6	102-1514-15	Bearing – Bevel Pinion Brg. (Rear) (*1228-Z-52)	1
7	102-1514-14	Lock Ring – Bevel Pinion Brg. (*1229-Z-1300)	1
8	102-7572-20	Plug – Diff. Carrier – Inspection (*1250-S-149)	1
9	102-8095-84	Flange – Axle Tube (*3897-Z-2886)	2
10	102-8095-48	Snap Ring (*1854-C-289)	2
11	102-8095-42	Oil Seal – Axle Shaft (*A1205-W-829)	2
12	102-8095-30	Axle Shaft (*3802-Y-1507)	2
13	102-8095-85	Axle Tube (R.H. & L.H.) (*A-3816-S-617)	2
14	102-8095-28	Cover – Diff. Carrier (*A48-3800-Z-468)	1
15	102-1514-16	Gasket – Diff. Carrier & Cover (*2208-L-272)	1
16	102-8095-29	Carrier – Differential (L.H.) (*A3-3800-Y-649)	1
17	102-7872-26	Pin for Thrust Block (*1246-G-293)	1
18	102-7872-38	Thrust Block (*2297-A-573)	1
		Plug – Diff. Case Drain (*P-18)	1
19	102-7872-14	Plug – Diff. Case Filler and Level (*P-18)	1
20	102-7572-14	Bolt – Diff. Carrier Flange (*S-1814-1)	10
	102-6168-42	Nut – Diff. Carrier Flange (*N-18-1)	10
	102-6168-41	Lock Washer – Diff. Carrier Flange (*WA-18)	12
21	102-7872-16	Cap Screw – Diff. Carr. Flange (Front) (*S-2811-1)	2
22	102-6168-28	Oil Breather – Diff. Carr. Cover (*A-1199-J-166)	1
23	102-8095-20	Spacer Set – Diff. Brg. Cup .146" (*1244-D-394) thru .164" (*1244-K-401) Contains .146", .149", .152", .158", and .164".	AR
	102-8095-21	and .134" (*1244-K-479) thru .179" (*1244-T-488) Contains .134", .140", .170", .176" and .179".	AR
24	102-1514-9	Cup – Diff. Brg. (*33472)	2
25	102-1514-5	Cone – Diff. Brg. (*33281)	2
26	102-8095-87	Case – Diff. – Flanged Half (*3235-X-882) (Not Sold Sep., Part of Item 38)	1
27	102-1574-41	Case – Diff. – Plain Half (*3235-P-354) (Not Sold Sep., Part of Item 38)	1
28	102-7872-21	Bolt – Diff. Case (Short) (*15-X-926)	4
	102-7872-22	Bolt – Diff. Case (Long) (*15-X-927)	8
29	102-6592-64	Bolt – Diff. Case & Drive Gear (*15-X-667)	12
	102-1574-22	Nut – Diff. Case & Drive Gear (*N-28-1)	12
30	102-6972-1	Differential – Internal Assy. – No Spin (*A2-3235-G-397) Items 31 thru 37, Assembled. (Detroit Auto Co. #NS-21-63061)	1

REX CHAINBELT INC.
PRINTED IN U.S.A.
Specify Quantity, Part Number and Description When Ordering
REX

TRACTION DRIVE RIGID PLANET AXLE ASSEMBLY
INCLUDES TRANSMISSION & WHEEL ENDS
ROCKWELL STD. PART NO. 35-3380-A
REX Part No. 102-8095-1

Item No.	Part Number	Description	No. Req'd.
31	- - - - -	Side Gear	2
32	- - - - -	Spring	2
33	- - - - -	Spring Retainer	2
34	- - - - -	Cam & Clutch Assy.	2
	- - - - -	Holdout Ring	2
35	- - - - -	Snap Ring	1
36	- - - - -	Center Cam	1
37	- - - - -	Spider	1
38	102-8095-86	Case Assy. with No Spin Internal Assy. (*A84-3235-X-882) Contains Items 26, 27, 28, 29 & 30.	1

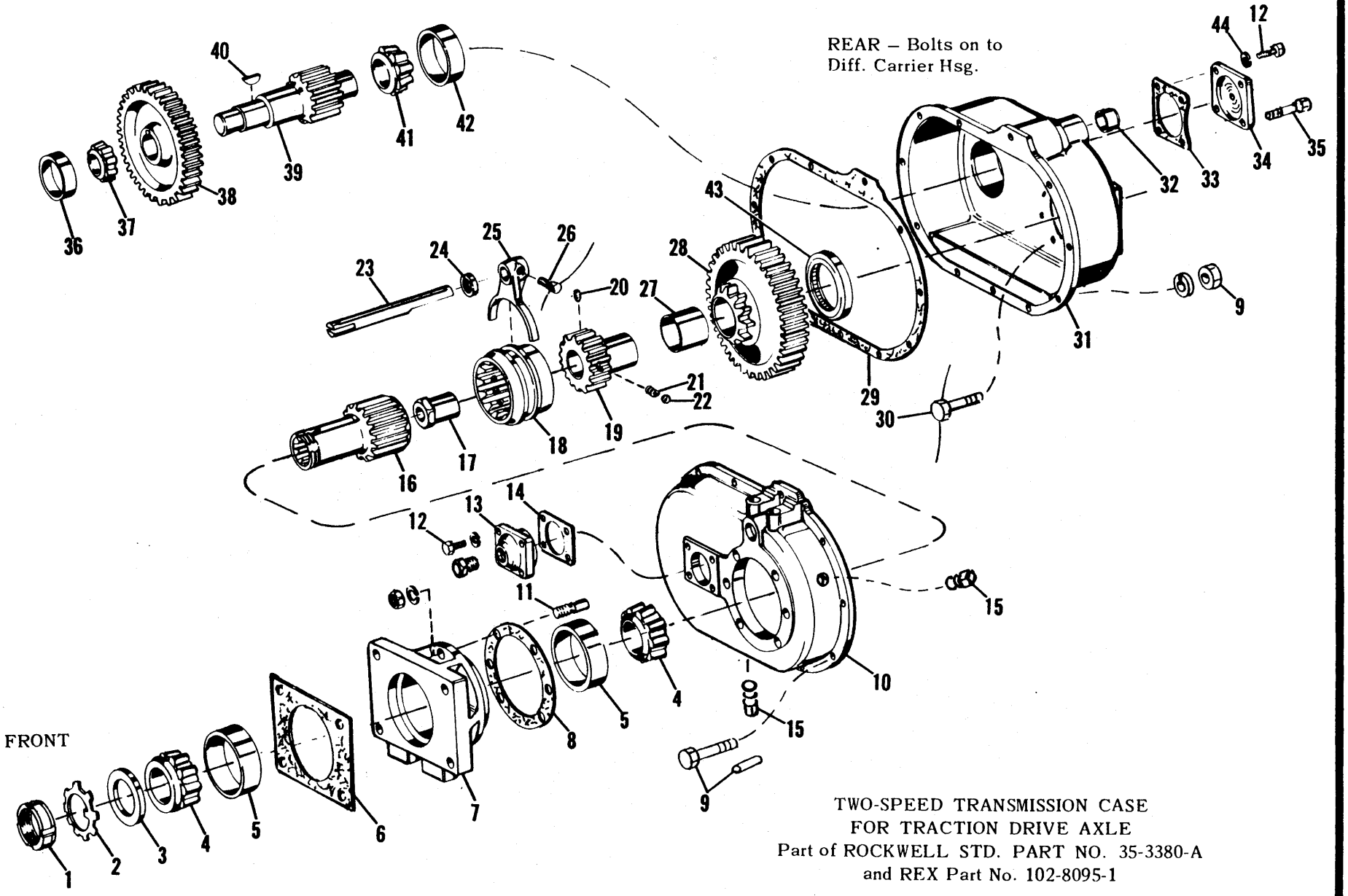
REX CHAINBELT INC
PRINTED IN U.S.A.



HYDROSTATIC MOTOR – TRACTION DRIVE
SUNDSTRAND MODEL 22-3055
REX PART NO. 102-8506-1

Item No.	Part Number	Description	No. Req'd.
1	102-4365-78	Manifold Assembly (*9800834-53)	1
2	102-4365-1	Seal Kit (*9510022) Consisting of:	1
		*9210247 Shaft Seal	1
		*9210248 Housing Seal	1
		*9004102-1290 "O" Ring	2
		*9004100-2340 "O" Ring	1
		*9220242 Seal Spring	6
3	102-4365-77	Relief Valve Assembly (*9800370-55)	1

*Sundstrand Corp. part numbers.



TWO-SPEED TRANSMISSION CASE
FOR TRACTION DRIVE AXLE
Part of ROCKWELL STD. PART NO. 35-3380-A
and REX Part No. 102-8095-1

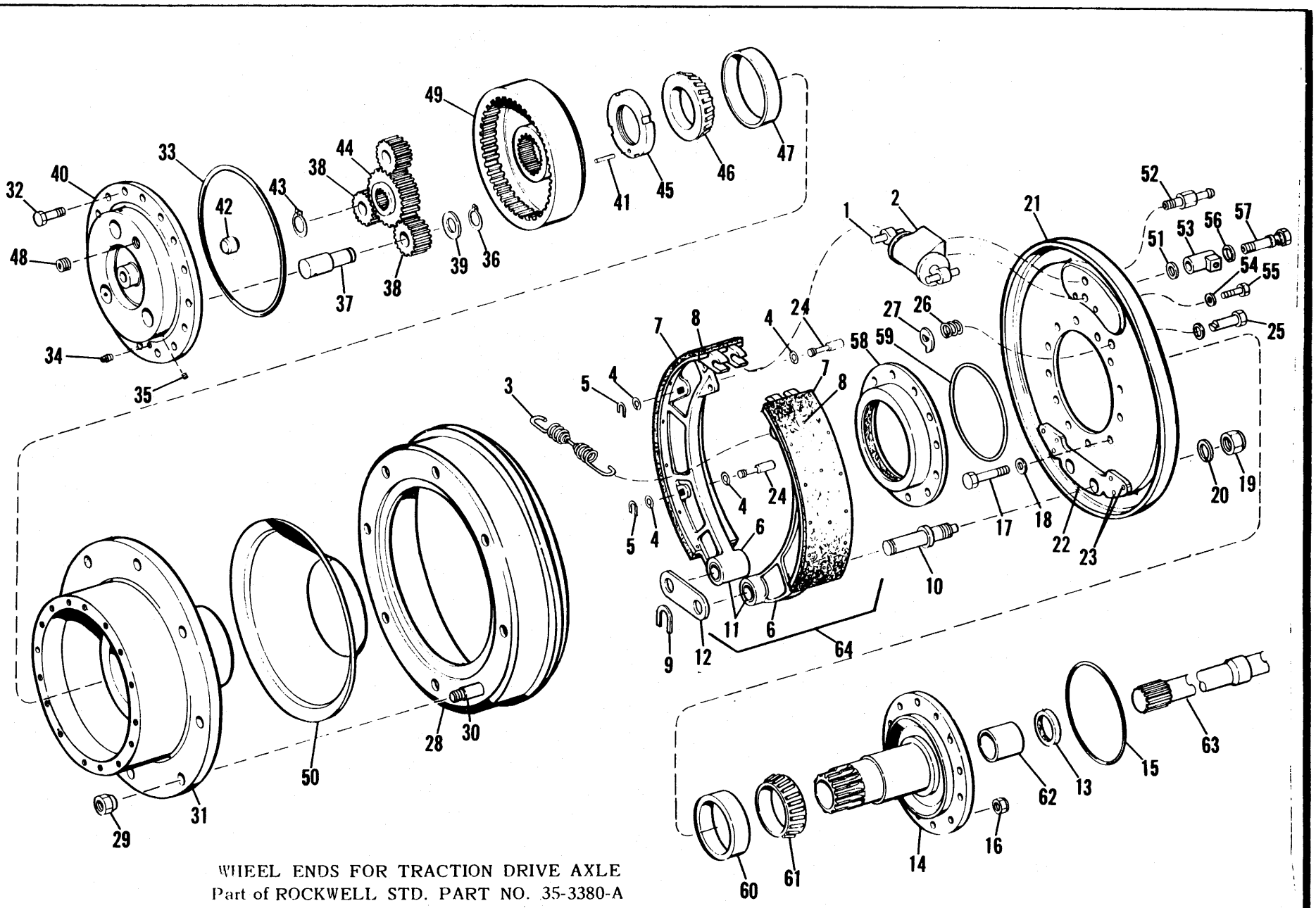
REX *Specify Quantity, Part Number and Description When Ordering*

REX CHAINBELT INC.
PRINTED IN U.S.A.

TWO-SPEED TRANSMISSION CASE
FOR TRACTION DRIVE AXLE
Part of ROCKWELL STD. PART NO. 35-3380-A
and REX Part No. 102-8095-1

Item No.	Part Number	Description	No. Req'd.
1	102-6168-35	Nut – Input Brg. Adjusting (*1827-A-287)	1
2	102-6168-36	Lock for Adj. Nut (*1829-P-874)	1
3	102-6168-37	Washer – Input Pinion Brg. (*1829-U-879)	1
4	298-115-2	Cone – Input Pin. Brg. (Inner & Outer) (*395-A)	2
5	298-45-2	Cup – Input Pin. Brg. (Inner & Outer) (*394-AS)	2
6	102-1781-1	Gasket – Hyd. Motor Adapter (Outer)	1
7	102-8095-26	Adapter for Hyd. Motor (*A-3897-M-2405)	1
8	102-6168-43	Gasket – Hyd. Motor Adapter (Inner) (*2808-X-1090)	1
9	102-6168-65	Bolt – Case & Cover (*S-1611-1)	10
	102-6168-66	Nut – Case & Cover (*N-16-1)	10
	102-6168-67	Lock Washer – Case & Cover (*WA-16)	10
	102-6168-68	Dowel. Trans. Case to Cover (*1846-A-313)	2
10	102-6974-13	Cover – Trans. Case (*3876-R-408)	1
11	102-6168-44	Stud – Hyd. Motor Adapter (*4-X-733)	6
	102-6168-42	Nut – Hyd. Motor Adapter (*N-18-1)	6
	102-6168-41	Lock Washer – Hyd. Motor Adapter (*WA-18)	6
12	102-6168-10	Cap Screw (Front & Rear Cap) (*S-2710-1)	7
	102-6168-11	Lock Washer Id. Pin. (Front Cap) (*WA-17)	4
13	102-8095-14	Cap – Idler Pinion (Front) (*3866-D-992)	1
14	102-6168-14	Shim, Idler Pinion Front Brg. .003" (*2803-C-2083)	3
	102-6168-15	.005" (*2803-D-2084)	3
	102-6168-16	.010" (*2803-E-2085)	1
15	102-7872-14	Plug – Oil Filler (*P-18)	1
	102-7872-14	Plug – Oil Drain (*P-18)	1
16	102-6168-47	Pinion – 24T Input Drive (*3891-C-1199)	1
17	102-6168-48	Nut – Clutch Dr. Pinion (*1827-Y-285)	1
18	102-8095-25	Collar – Shift (*3897-D-2526)	1
19	102-8095-88	Pinion, 24T Clutch (*A-3891-R-1448)	1
20	102-6168-53	Set Screw – Clutch Pinion (*S-865)	1
21	102-7872-44	Spring – Hi-Lo – Shift Shaft Lock (*2858-W-257)	3
22	102-6168-52	Shift Ball (*1898-H-34)	3
23	102-6592-94	Shift Shaft (*2843-A-521)	1
24	102-8095-89	Oil Seal – Shift Shaft (*A-1805-Z-26)	1
25	102-6168-31	Hi-Lo Shift Fork (*2849-B-158)	1
26	102-7872-23	Set Screw (*26-X-96)	1
	102-6168-33	Lock Wire (*LW-168)	1
27	102-6168-54	Bushing – Lo-Speed Drive Gear (*1825-M-117)	1
28	102-8095-18	Gear – Lo-Speed Driven 45T (*A-3892-B-2524)	1
29	102-2515-68	Gasket – Trans. Case to Cover (*2808-H-1100)	1
30	102-7872-17	Cap Screw – Trans. Case to Carrier (*S-2910-D1)	8
	102-7872-11	Lock Wire – Trans. Case to Carrier (*LW-1620)	1
31	102-8095-90	Transmission Case (*A2, A3-3875-U-645)	1
32	102-6168-34	Plug – Shift Shaft Hole (*1850-Z-78)	1
33	102-6168-24	Gasket – Id. Pin. Rear Brg. Cap (*2808-W-1089)	1
34	102-7872-55	Cap – Id. Pinion (Rear) (*3866-G-1021)	1
35	102-7872-18	Cap Screw (Special) Id. Pin (Rear) Cap (*S-7710-S)	1
36	102-6168-17	Cup – Id. Shaft Pin. Brg. (Front) (*25821)	1
37	102-6168-18	Cone – Id. Shaft Pin. Brg. (Front) (*25878)	1
38	102-6168-19	Gear – 55T – Lo-Speed Idler (*3892-N-2484)	1
39	102-8095-17	Pinion 34T – Idler Shaft (*3891-N-1418)	1
40	102-6168-20	Key – Lo-Speed Gear (*16-X-103)	1
41	102-6168-22	Cone – Id. Shaft Pin. (Rear) (*3877)	1
42	X7857	Cup – Id. Shaft Pin. (Rear) (*3820)	1
43	102-6168-56	Oil Seal – Bev. Pin. Brg. (*A-1805-Y-545)	1
44	102-6168-11	Lock Washer – Id. Pin. Brg. Cap (Rear) (*WA-17)	7

REX CHAINBELT INC.
PRINTED IN U.S.A.
Specify Quantity, Part Number and Description When Ordering
REX



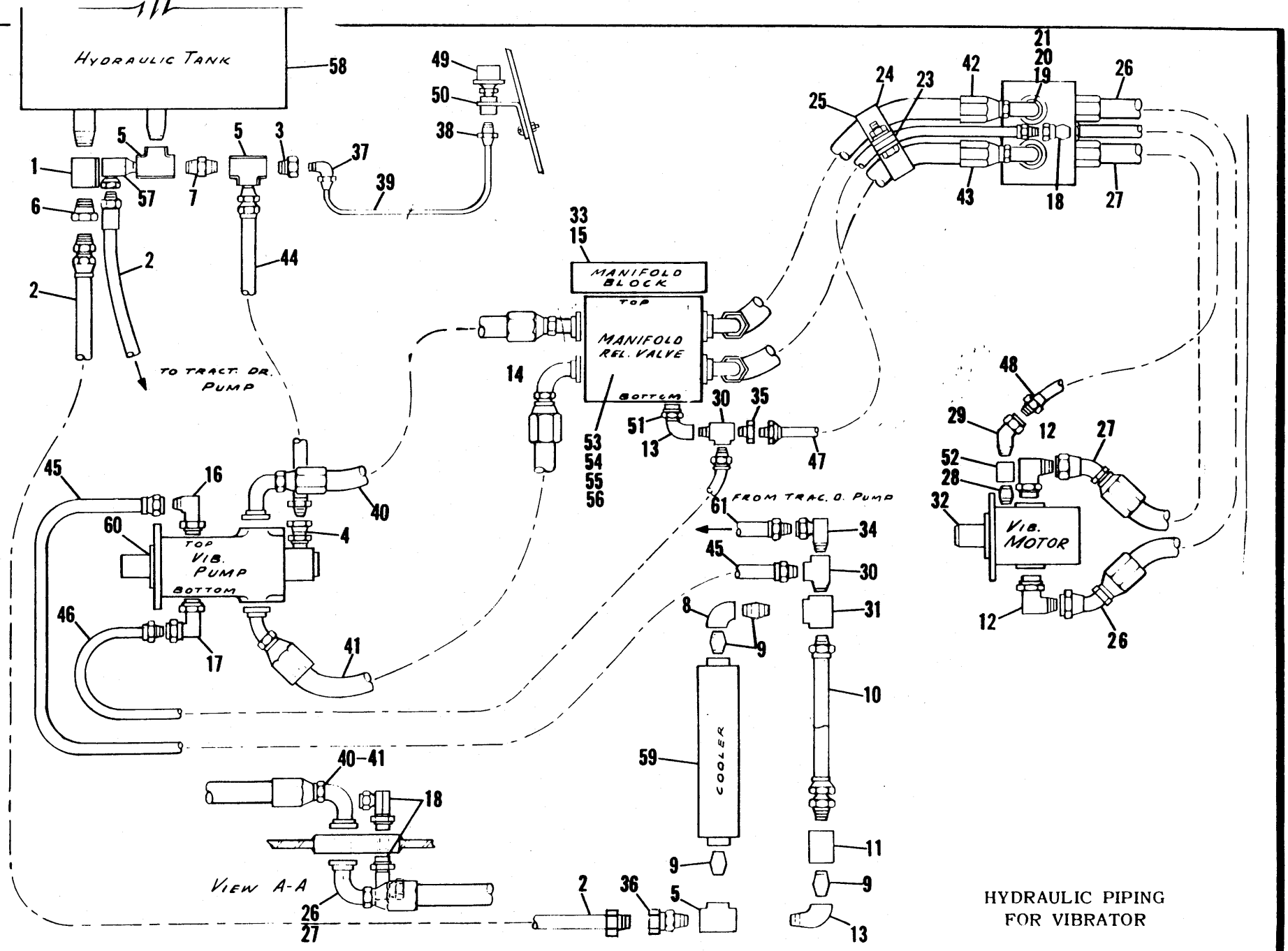
WHEEL ENDS FOR TRACTION DRIVE AXLE
Part of ROCKWELL STD. PART NO. 35-3380-A
and REX Part No. 102-8095-1

REX CHAINBELT INC
PRINTED IN U.S.A.

WHEEL ENDS FOR TRACTION DRIVE AXLE
Part of ROCKWELL STD. PART NO. 35-3380-A
and REX Part No. 102-8095-1

Item No.	Part Number	Description	No. Req'd.
1	102-6592-23	Push Rod – Wheel Cyl. (*A-1245-W-49)	4
2	102-8095-64	Wheel Cyl. Assy. (*A12-3261-P-16)	2
3	102-7572-57	Spring – Brake Shoe Return (*2258-T-124)	2
4	102-8095-69	Washer – Guide Pin (*1729-N-248)	16
5	102-7572-58	"C" Washer – Guide Pin (*1229-H-216)	8
6	102-8095-72	Brake Shoe (*3722-V-334)	4
7	102-8095-73	Lining – Brake Shoe (*2740-Q-3137)	4
8	102-8095-74	Rivet – Brake Shoe to Lining (*RV-387)	64
9	102-7572-63	"C" Washer – Brake Anchor Pin (*1229-M-221)	4
10	102-8095-67	Anchor Pin – Brake (*1759-L-38)	4
11	102-7572-86	Bushing – Brake Anchor Pin (*1225-P-94)	4
12	102-8095-70	Strap – Anchor Pin (*1245-X-50)	2
13	102-8095-42	Oil Seal – Axle Shaft (*A-1205-W-829)	2
14	102-8095-57	Spindle – Wheel (*A-3897-C-2447)	2
15	102-8095-36	"O" Ring – Spindle to Housing (*5-X-591)	2
16	102-6592-36	Nut – Spindle to Housing (*1827-R-252)	24
17	102-8095-33	Bolt – Spindle to Housing (*S-1920-1)	24
18	102-8095-56	Spacer – Brake to Hsg. (*3897-R-2072)	2
19	102-8095-68	Nut – Anchor Pin (*N-114)	4
20	102-1841-72	Lock Washer – Anchor Pin Nut (*WA-114)	4
21	102-8095-60	Backing Plate – Brake (*A-3736-Q-771)	2
22	102-8095-71	Bracket – Shoe Anchor (*3764-M-29)	2
23	102-8095-75	Rivet – Anchor Bracket (*RV-169)	12
24	102-8095-76	Guide Pin – Brake Shoe (*1746-G-59)	8
25	102-8095-62	Adjusting Cam Assy. (*A-2747-A-105)	4
26	102-8095-77	Spring – Adj. Cam (*2758-U-153)	4
27	102-6592-13	Cam – Adjusting (*2847-R-200)	4
28	102-8095-50	Drum – Brake (*3819-H-450)	2
29	102-7572-46	Nut – Wheel Hub (*1199-H-112)	16
30	102-8095-78	Stud – Wheel Hub (*20-X-262)	16
31	102-8095-40	Hub – Wheel Assy. (*A-322-J-452)	2
32	102-8095-37	Cap Screw – Planet. Spider to Hub (*10-X-667)	32
33	102-8095-34	"O" Ring – Hub to Spider (*5-X-589)	2
34	102-8095-31	Plug – Pl. Spider Drain (*P-16)	2
35	102-8095-32	Set Screw – Planet. Pinion Shaft (*S-665)	6
36	102-8095-47	Snap Ring – Planet. Pinion Shaft (*1854-Z-182)	6
37	102-8095-51	Shaft – Planet. Pinion (*3880-H-814)	6
38	102-8095-52	Pinion – Planetary (*3891-W-1115)	6
39	102-8095-45	Washer – Planet. Pinion Thrust (*1829-C-783)	6
40	102-8095-55	Spider – Planet. Pinion (*A-3897-E-1695)	2
41	102-8095-46	Pin – Hub Brg. Adj. Nut (*1846-W-361)	2
42	102-8095-49	Thrust Button – Axle Shaft (*1898-Z-858)	2
43	102-8095-48	Snap Ring – Axle Shaft (*1854-C-289)	2
44	102-8095-53	Gear – Planetary Sun (*3892-T-1814)	2
45	102-8095-41	Nut – Hub Brg. Adj. (*A-1227-H-736)	2
46	102-8095-39	Cone – Hub Brg. (Outer) (*34300)	2
47	298-65-2	Cup – Hub Brg. (Outer) (*34478)	2
48	102-6592-83	Plug – Planet. Spider Filler (*P-212)	2
49	102-8095-54	Gear – Planet. Ring (*3892-G-2997)	2
50	102-8095-58	Slinger – Oil (*3905-B-80)	2
51	102-7980-21	Gasket – Inlet Connection (*2208-V-204)	2
52	102-8095-79	Bleeder Screw (*1199-H-1334)	2
53	102-8095-80	Inlet Connection (*1199-D-784)	2
54	102-7873-17	Lock Washer – Wheel Cyl. (*WA-16)	4
55	102-8095-81	Cap Screw – Wheel Cyl. (*S-267)	4
56	102-8095-82	Gasket – Inlet Conn. Bolt (*2208-D-82)	2
57	102-8095-83	Bolt – Inlet Conn. (*15-X-88)	2
58	102-8095-43	Oil Seal – Hub Brg. (*A-1805-Z-546)	2
59	102-8095-35	"O" Ring – Spindle (*5-X-590)	2
60	298-162-2	Cup – Hub Brg. (Inner) (*27620)	2
61	102-8095-38	Cone – Hub Brg. (Inner) (*27691)	2
62	102-8095-44	Bushing – Wheel Spindle (*1825-Z-234)	2
63	102-8095-30	Shaft – Axle (*3802-Y-1507)	2
64	102-8095-61	Brake Shoe & Lining Assy. Contains Items 6, 7 and 8, Assembled (*A3-3722-V-334)	2

REX CHAINBELT INC.
PRINTED IN U.S.A.
Specify Quantity, Part Number and Description When Ordering
REX



HYDRAULIC PIPING
FOR VIBRATOR

REX Specify Quantity, Part Number and Description When Ordering

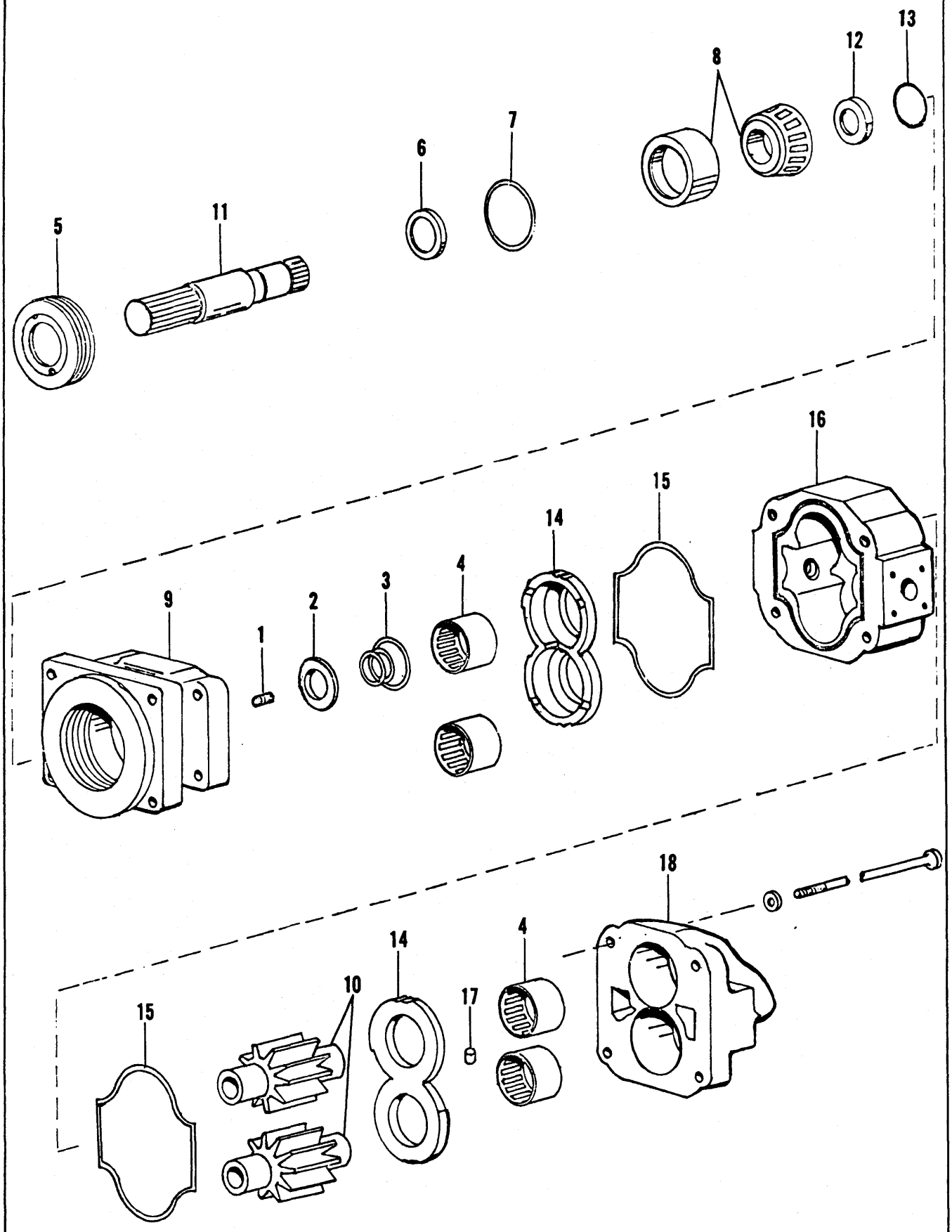
Always Give Serial Number of Machine

REX CHAINBELT INC.
PRINTED IN U.S.A.

HYDRAULIC PIPING
FOR VIBRATOR

Item No.	Part Number	Description	No. Req'd.
1	298-2078-62	Pipe Coupling 1" N.P.T.	1
2	502-1350-94	Hose-Tank to Cooler 72" lg.	1
3	298-14503-86	Reducing Bushing ¾" x ¼"	1
4	298-8080-86	Straight Adapter ⅞" x ¾"	1
5	298-17002-86	Pipe Tee ¾"	1
6	298-14500-86	Reducing Bushing 1" x ¾"	1
7	298-12002-86	Close Nipple ¾"	1
8	298-2247-62	Elbow ½" x 90°	1
9	298-12001-86	Close Nipple ½"	4
10	502-1347-85	Hose – Cooler by-pass	1
11	298-2170-62	Check Valve	1
12	298-8076-86	Elbow 1⅝" "O" Ring x JIC	2
13	X7487	Street Elbow ½" N.P.T. x 90°	2
14	102-4365-79	Manifold Relief Valve	1
15	102-5254-1	Manifold Block	1
16	298-8030-86	Elbow ⅞" – "O" Ring x JIC x 90°	1
17	298-2093-62	Elbow ⅞" – "O" Ring x ½" N.P.T. x 90°	1
18	298-2245-62	Elbow ⅞" – "O" Ring x ¼" N.P.T. x 90°	2
19	102-1594-4	"O" Ring – S.A.E. 1"	10
20	298-8033-86	Split Flange Clamp 1"	20
21	- - - - -	Cap Screw ⅜" x 1¼" HC, HT w/L.W.	40
22	X7604	3/16" Cold Shut	3
23	102-8094-1	Connecting Bar	1
24	298-9035-86	Hose Clamp	1
25	- - - - -	Cap Screw ½" x 1" w/L.W. & Nut	1
26	102-3695-1	Hose 1⅝" x 54½" lg.	1
27	102-3702-1	Hose 1⅝" x 53¼" lg.	1
28	298-12003-86	Nipple ¼" N.P.T.	1
29	298-2081-62	Street Elbow ¼" N.P.T. x 45°	1
30	298-2246-62	Service Tee ½" N.P.T. – F	2
31	298-17010-86	Tee ½" N.P.T. – F	2
32	102-8580-1	Hydraulic Motor – Vibrator	1
33	298-12-93	Cap Screw, Self-Locking ½" x 1½" w/L.W. Nylok #M4BS813-24C	4
34	298-2075-62	Elbow ½" N.P.T. x 90°	1
35	X7484	Reducing Bushing ½" x ⅜" N.P.T.	1
36	298-2244-62	Adapter ¾" Female to ½" Male N.P.T.F.	1
37	298-19-1	Elbow ¼" Tube x ¼" N.P.T.	1
38	298-15-1	Connector ¼" x ¼" N.P.T.	1
39	- - - - -	Copper Tube ¼" O.D. x .037" Wall x 48" lg.	1
40	102-3998-1	Hose Assy. 1" I.D. x 33" lg. Has Strait Flange Hd. & 90° Flange El.	1
41	102-3948-1	Hose Assy. 1" I.D. x 26" lg. Has 45° Flange El. & 90° Flange El.	1
42	102-3946-1	Hose Assy. 1" I.D. x 56" lg. Has 90° Flange El. – Both Ends	1
43	102-3946-2	Hose Assy. 1" I.D. x 62" lg. Has 90° Flange El. – Both Ends	1
44	102-3849-3	Hose Assy. ¾" I.D. Has ¾" Male N.P.T. – Both Ends	1
45	502-2785-80	Hose Assy. ½" I.D. x 88" lg. Has ½" Male N.P.T. & ⅞"-14 Fem. Thread	1
46	502-1347-84	Hose Assy. ⅜" I.D. x 33" lg. Has ¼" Male N.P.T. One End & ¼" N.P.T. w/Swivel Other End	1
47	502-8004-80	Hose Assy. ⅜" I.D. x 62" lg. Has ¼" Male N.P.T. to ⅜" Male N.P.T.	1
48	502-1341-97	Hose Assy. ⅜" I.D. x 72" lg. Has ¼" Male N.P.T. & ¼" Male N.P.T. w/Swivel	1
49	298-2086-56	Vacuum Gauge	1
	502-8007-80	Bracket – Vacuum Gauge	1
50	- - - - -	Rd. Hd. Mach. Screw 5/16" x 1" w/L.W. & Nut	2
51	298-2248-62	Straight Adapter ⅞" "O" Ring x ½" N.P.T.	1
52	- - - - -	Pipe Coupling ¼" N.P.T. – Galv.	1
53	102-4365-33	"O" Ring	1
54	102-4365-40	"O" Ring	2
55	102-4365-41	Back-up Ring	2
56	- - - - -	Cap Screw 5/16" x 3¾" HC, HT	6
57	298-2068-62	Swivel Adapter ¾" N.P.T. x 90°	1
58	502-6035-80	Hyd. Tank (Prev. to HX202)	1
	502-6230-80	Hyd. Tank (Eff. HX202, up)	1
59	298-5054-92	Oil Cooler – General Radiator Inc. #OC-2409; Perfex Corp. #A18-953	1
60	102-8704-1	Hyd. Pump – Vibrator (See Sep. Illus.)	1

REX CHAINBELT INC.
PRINTED IN U.S.A.
Specify Quantity, Part Number and Description When Ordering
REX

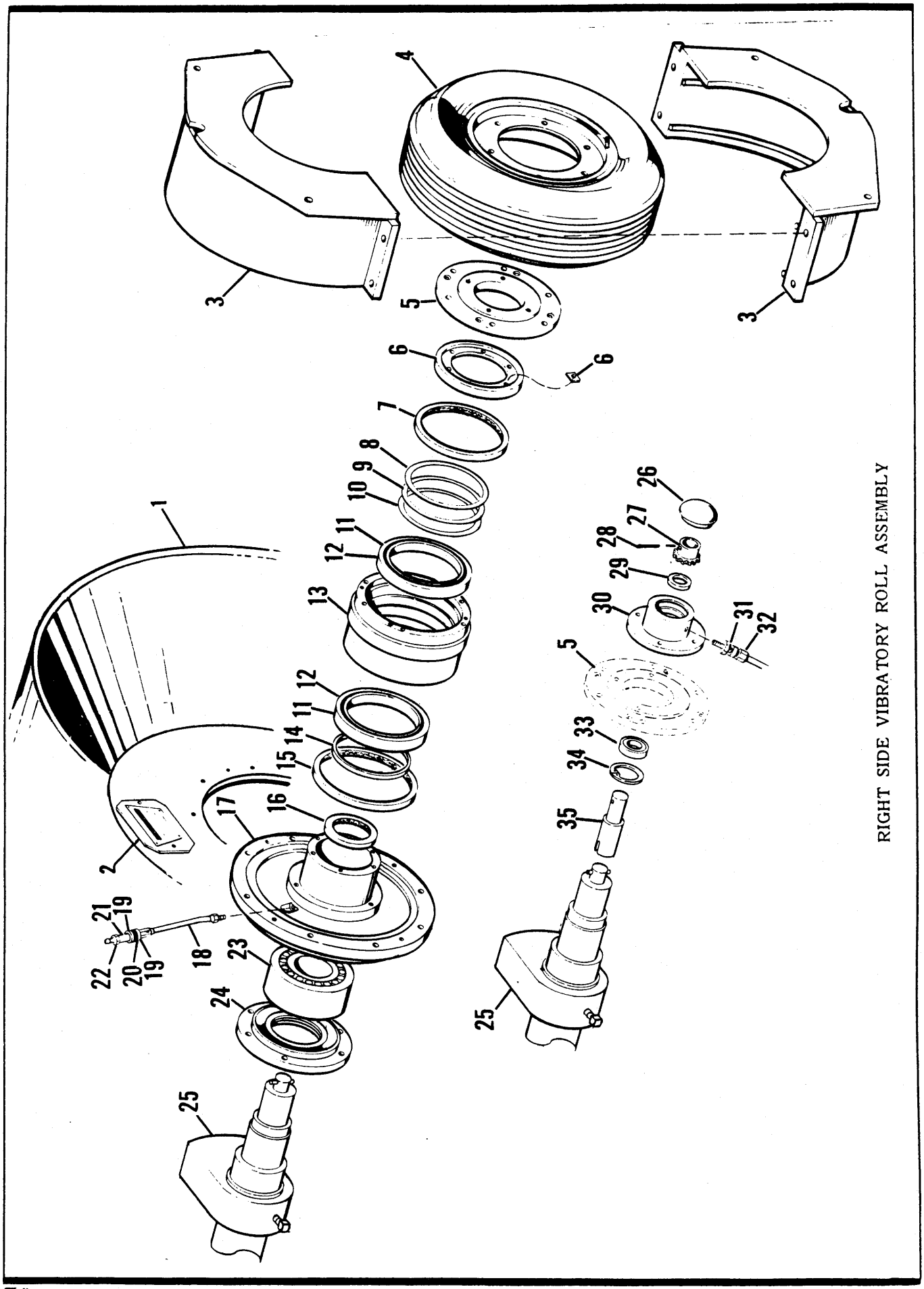


HYDRAULIC MOTOR – VIBRATOR
REX Part No. 102-8580-1

HYDRAULIC MOTOR – VIBRATOR
REX PART NO. 102-8580-1
COMMERCIAL SHEARING & STAMPING CO. NO. M25X-778-BEVL-15-7

Item No.	Part Number	Description	No. Req'd.
1	102-7884-10	Check Assembly (*M1391K)	2
2	102-7883-22	Shaft Bushing (*AH2010)	1
3	102-7883-23	Spring (*A1327-182)	1
4	102-7883-11	Roller Bearing (*S1032)	4
5	102-7884-14	Retainer Ring (*LA1072)	1
6	102-7884-15	Hi-Pressure Seal (*X73-50-3)	1
7	102-7883-28	"O" Ring (*63006-26)	1
8	102-7883-29	Tapered Roller Bearing (*X126-8)	1
9	102-8580-11	Shaft End Cover (VB-1686-8)	1
10	102-7884-19	Drive Gear (*KA1007M-15)	2
11	102-7883-33	Shaft (*PB1135)	1
12	102-7883-34	Spacer (*YA-1669-1)	1
13	102-7883-35	Retaining Ring (*X97-100)	1
14	102-7883-15	Thrust Plates (*Y1058)	4
15	102-7883-17	Gasket (*UB3006-244)	2
16	102-7884-24	Gear Housing (*MA1688-15-64)	1
17	102-7883-16	Pocket Seal (*K3026-27)	12
18	102-7883-10	Port End Cover (*RA1603)	1

*Commercial Shearing & Stamping Co. - 1775 Logan Ave. - Youngstown, Ohio 44501 part numbers.

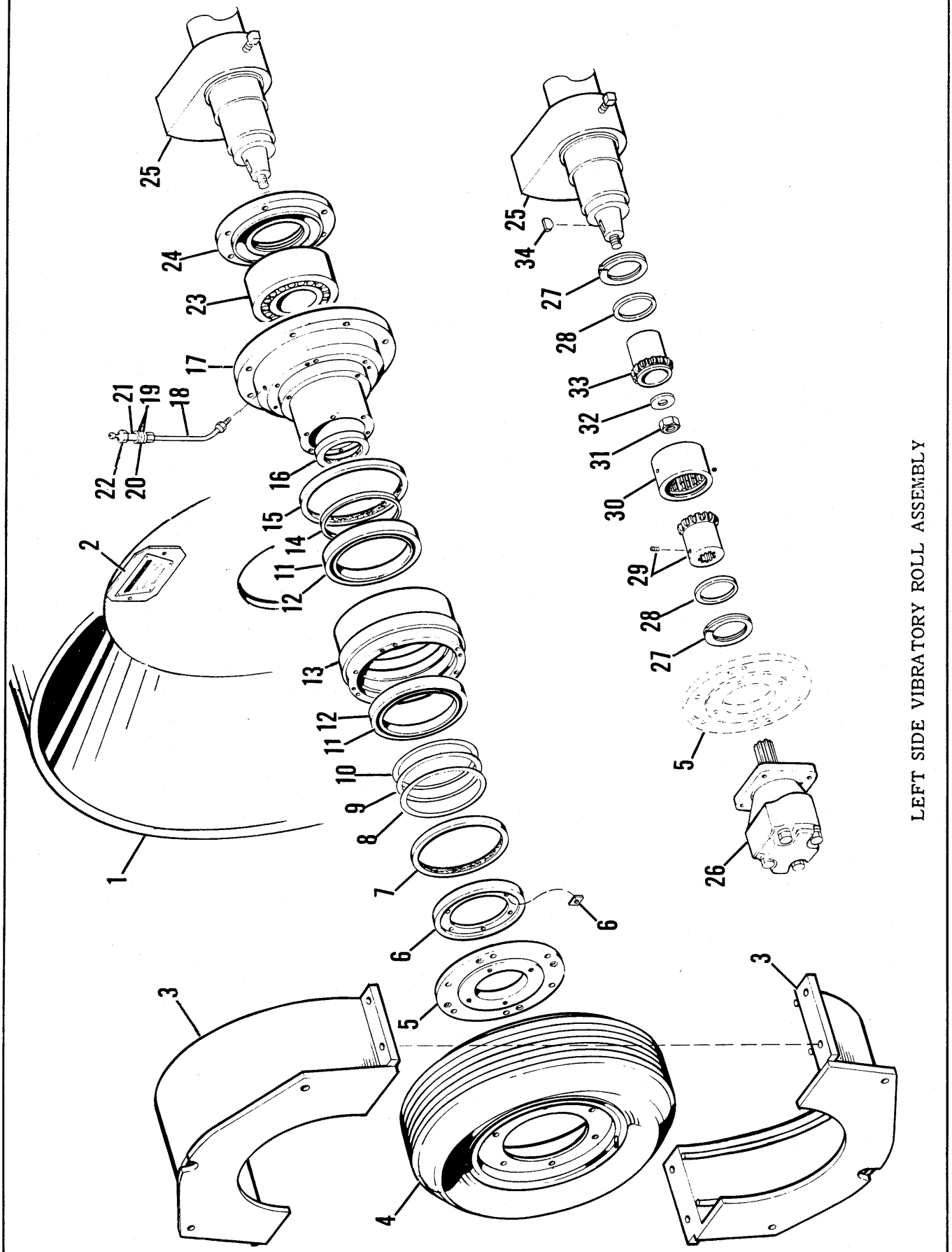

RIGHT SIDE VIBRATORY ROLL ASSEMBLY

RIGHT SIDE VIBRATORY ROLL ASSEMBLY

Item No.	Part Number	Description	No. Req'd.
1	502-5979-80	Roll	1
2	102-3647-1	Cover	1
	298-28-93	Cap Screw, Self-Lock ⅜" x 1"	2
	102-3248-1	Plate – Lubrication	1
	298-5000-34	Pop Rivet	4
3	502-4383-80	Tire Housing Half	2
	- - - - -	Cap Screw ¾" x 2¾"	4
	298-2016-71	Nut ¾" Self-Lock	4
	102-8085-6	Safety Walk Tape	2
4	502-4384-80	Wheel 15"	1
	- - - - -	Cap Screw ⅝" x 2¼" w/L.W.	6
	298-6035-68	Tire – Radial Ply 5:00-15	1
	298-6036-68	Tube – 5:00-15	1
5	402-2604-2	Mounting Flange – Motor & Wheel	1
	298-19-93	Flat Head Machine Screw ⅜" x 1"	4
6	102-4516-1	Ring – Bearing Carrier	1
	102-7900-1	Tab – Bolt Lock	6
	- - - - -	Cap Screw ⅜" x 1¼" H.C. – H.T.	6
7	298-3093-68	Oil Seal 7 15/16" I.D.	1
8	102-7897-1	Shim, .005" (As Req'd.)	6
9	102-7897-2	Shim, .0075" (As Req'd.)	6
10	102-7897-3	Shim, .020" (As Req'd.)	6
11	298-275-2	Bearing Cone	2
12	298-274-2	Bearing Cup	2
13	402-2605-2	Hub – Wheel	1
14	102-3646-1	Spacer – Bearing	1
15	298-3094-68	Oil Seal – 8½" I.D.	1

Item No.	Part Number	Description	No. Req'd.
16	298-3089-68	Oil Seal – 3¾" I.D.	1
	402-2607-2	Hub – Roll, Driven (R.H. side)	1
17	298-32-93	Cap Screw ¾" x 3", Self-Lock	8
	- - - - -	Setscrew ⅜" x 2" Soc. Hd. Dog Point	3
18	X7846	Grease Hose 3/16" I.D. x 12"	1
19	- - - - -	Cut Washer ⅜"	2
20	X7328	Rubber Grommet	1
21	- - - - -	Pipe Coupling ⅛"	1
22	1613-B	Lube Fitting ⅛"-90°	1
23	298-273-2	Spherical Bearing	1
	402-1693-2	Retainer – Labyrinth	1
24	298-12-93	Cap Screw ½" x 1½" Self-Lock	8
	- - - - -	Lock Washer ½"	8
25	502-2998-80	Roll Shaft with Weights	1
26	298-4006-47	Hub Cap	1
27	102-8649-1	Gear – 30T	1
28	298-6004-34	Roll Pin	1
29	102-8651-1	Spacer – Gear	1
	502-4648-80	Bearing Flange	1
30	298-62-93	Cap Screw ½" x 1¼" Self-Lock	4
	- - - - -	Lock Washer ½"	4
31	298-103-17	Magnetic Pick-up	1
32	502-205-80	Cord Assy.	1
33	298-289-2	Sealed Bearing	1
34	298-7517-34	Snap Ring – Internal #N5000-244 Tru-Arc Waldes Kohinoor, Inc.	1
35	102-3932-1	Shaft – Coupling to Roll Shaft	1

REX CHAINBELT INC.
PRINTED IN U.S.A.


LEFT SIDE VIBRATORY ROLL ASSEMBLY
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16
17
18
19
20
21
22
23
24
25
26
27
28
29
30
31
32
33
34

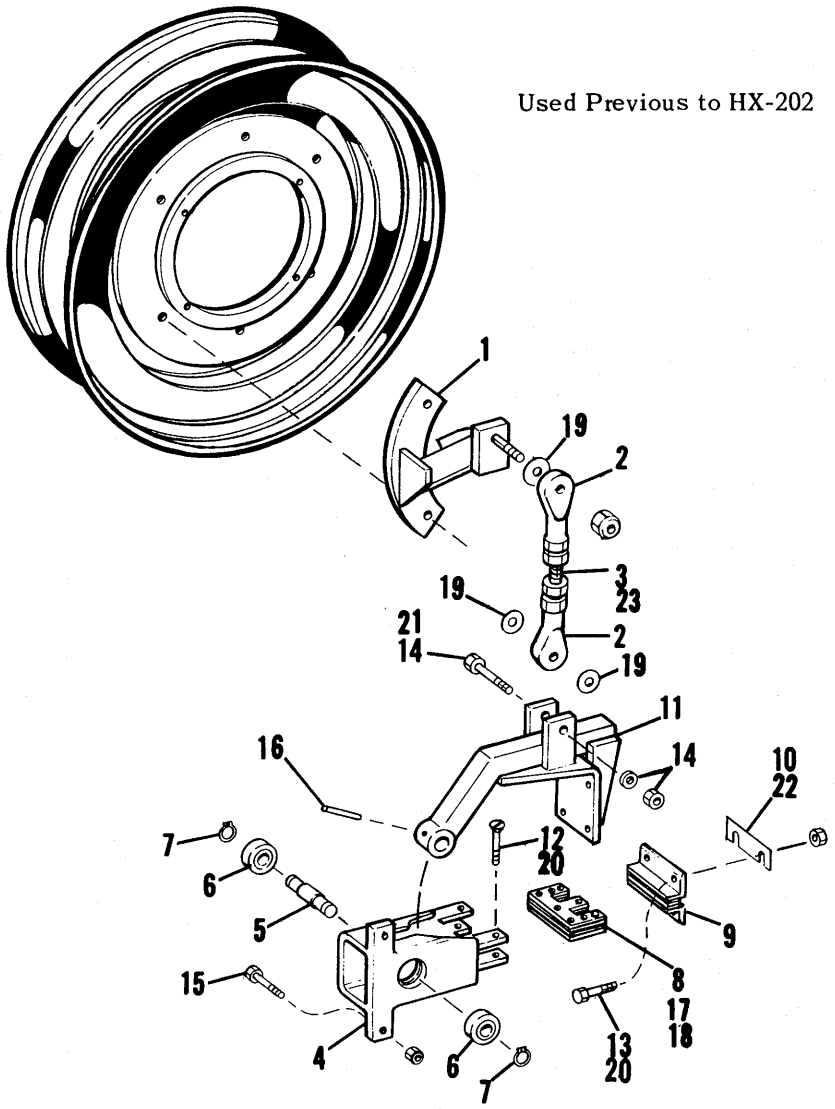
LEFT SIDE VIBRATORY ROLL ASSEMBLY

Item No.	Part Number	Description	No. Req'd.
1	502-5979-80	Roll	1
2	102-3647-1	Cover	1
	298-28-93	Cap Screw, Self-Lock ⅜" x 1"	2
	102-3248-1	Plate – Lubrication	1
	298-5000-34	Pop Rivet	4
3	502-4383-80	Tire Housing Half	2
	- - - - -	Cap Screw ¾" x 2¾"	4
	298-2016-71	Nut ¾" Self-Lock	4
	102-8085-6	Safety Walk Tape	2
4	502-4384-80	Wheel 15"	1
	- - - - -	Cap Screw ⅝" x 2¼" w/L.W.	6
	298-6035-68	Tire – Radial Ply 5:00-15	1
	298-6036-68	Tube – 5:00-15	1
5	402-2604-2	Mounting Flange – Motor & Wheel	1
	298-19-93	Flat Head Machine Screw ⅜" x 1"	4
6	102-4516-1	Ring – Bearing Carrier	1
	102-7900-1	Tab – Bolt Lock	6
	- - - - -	Cap Screw ⅜" x 1¼" H.C. – H.T.	6
7	298-3093-68	Oil Seal 7 15/16" I.D.	1
8	102-7897-1	Shim, .005" (As Req'd.)	6
9	102-7897-2	Shim, .0075" (As Req'd.)	6
10	102-7897-3	Shim, .020" (As Req'd.)	6
11	298-275-2	Bearing Cone	2
12	298-274-2	Bearing Cup	2
13	402-2605-2	Hub – Wheel	1
14	102-3646-1	Spacer – Bearing	1
15	298-3094-68	Oil Seal – 8½" I.D.	1

Item No.	Part Number	Description	No. Req'd.
16	298-3089-68	Oil Seal – 3¾" I.D.	1
17	402-2606-2	Hub – Roll, Driven (L.H. side)	1
	298-32-93	Cap Screw ¾" x 3" Self-Lock	8
	- - - - -	Setscrew ⅜" x 2" Soc. Hd. Dog Point	3
18	X7846	Grease Hose 3/16" I.D. x 12"	1
19	- - - - -	Cut Washer ⅜"	2
20	X7328	Rubber Grommet	1
21	- - - - -	Pipe Coupling ⅛"	1
22	1613-B	Lube Fitting ⅛"-90°	1
23	298-273-2	Spherical Bearing	1
24	402-1693-2	Retainer – Labyrinth	1
	298-12-93	Cap Screw ½" x 1½" Self-Lock	8
	- - - - -	Lock Washer ½"	8
25	502-2998-80	Roll Shaft with Weights	1
26	102-8580-1	Hydraulic Motor – Vibrator Drive (See Sep. Illus.)	1
	- - - - -	Cap Screw ½" x 1½" Self-Lock	8
	- - - - -	Lock Washer ½"	8
27	298-7020-34	Snap Ring – Coupling Size #2 Mill Motor Hub-Lovejoy Inc., Chicago, Ill.	1
28	298-3095-68	Seal – Coupling	1
29	102-7974-1	Coupling Half – Exciter Drive	1
30	102-7976-1	Coupling Sleeve – Exciter Drive	1
31	298-2045-71	Locknut ⅞"-14	1
32	- - - - -	Cut Washer ⅞"	1
33	102-7975-1	Coupling Half – Driven	1
34	- - - - -	Woodruff Key ⅜" x 1¼" #E-1210	1

REX CHAINBELT INC.
PRINTED IN U.S.A.

Specify Quantity, Part Number and Description When Ordering
REX



Used Previous to HX-202

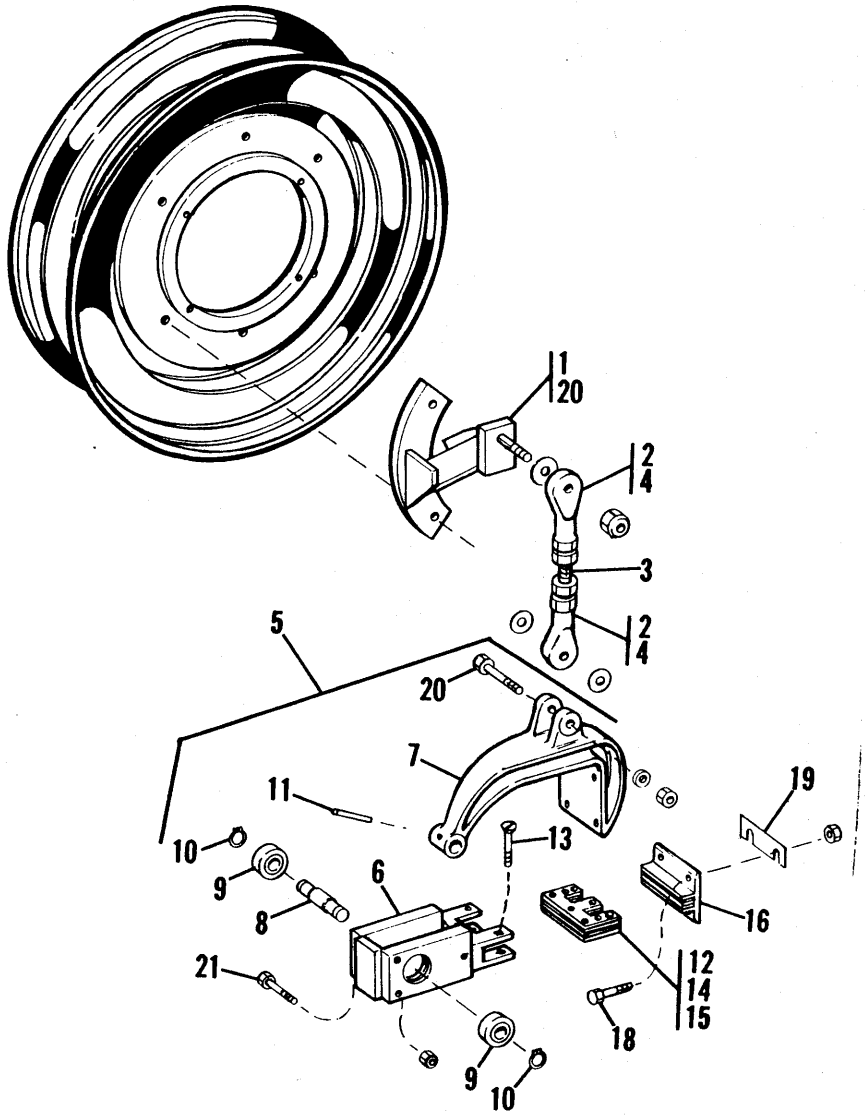
Used Previous to HX202

VIBRATION AMPLITUDE INDICATOR

Item No.	Part Number	Description	No. Req'd.
1	502-4577-80	Bracket – Link	1
2	298-218-2	Rod End 5/8"	2
3	102-8522-1	Threaded Rod	1
4	502-4695-80	Mounting Frame	1
5	102-8520-1	Shaft	1
6	298-286-2	Ball Bearing	2
7	298-8521-34	Retaining Ring	2
8	502-2931-80	Core Stack – Stationary	1
9	502-2930-80	Core Stack – Oscillating	1
10	102-8521-1	Shim .005"	36
11	402-1728-2	Oscillating Frame	1
12	- - - - -	Cap Screw 1/4" x 1 3/4" w/ Locknut	7
13	- - - - -	Cap Screw 1/4" x 3/4" w/	4
14	- - - - -	Cap Screw 5/8" x 2" w/C.W., Jam Nut	2
15	- - - - -	Cap Screw 5/16" x 1 1/4" w/Lock Nut	3
16	298-6018-34	Roll Pin 3/16" x 1 1/2"	1
17	102-8728-1	Transformer – Resonator	1
18	- - - - -	Cotter Pin 1/8" x 1 1/2"	1
19	202073	Spacer	5
20	298-2034-71	Locknut 1/4"	11
21	298-2014-71	Locknut 5/8"	2
22	102-8521-2	Shim .050"	2
23	- - - - -	Jam Nut 5/8" S.A.E.	2

REX Specify Quantity, Part Number and Description When Ordering

REX CHAINBELT INC.
PRINTED IN U.S.A.



Eff. Ser. No. HX-202

Eff. Ser. No. HX-202

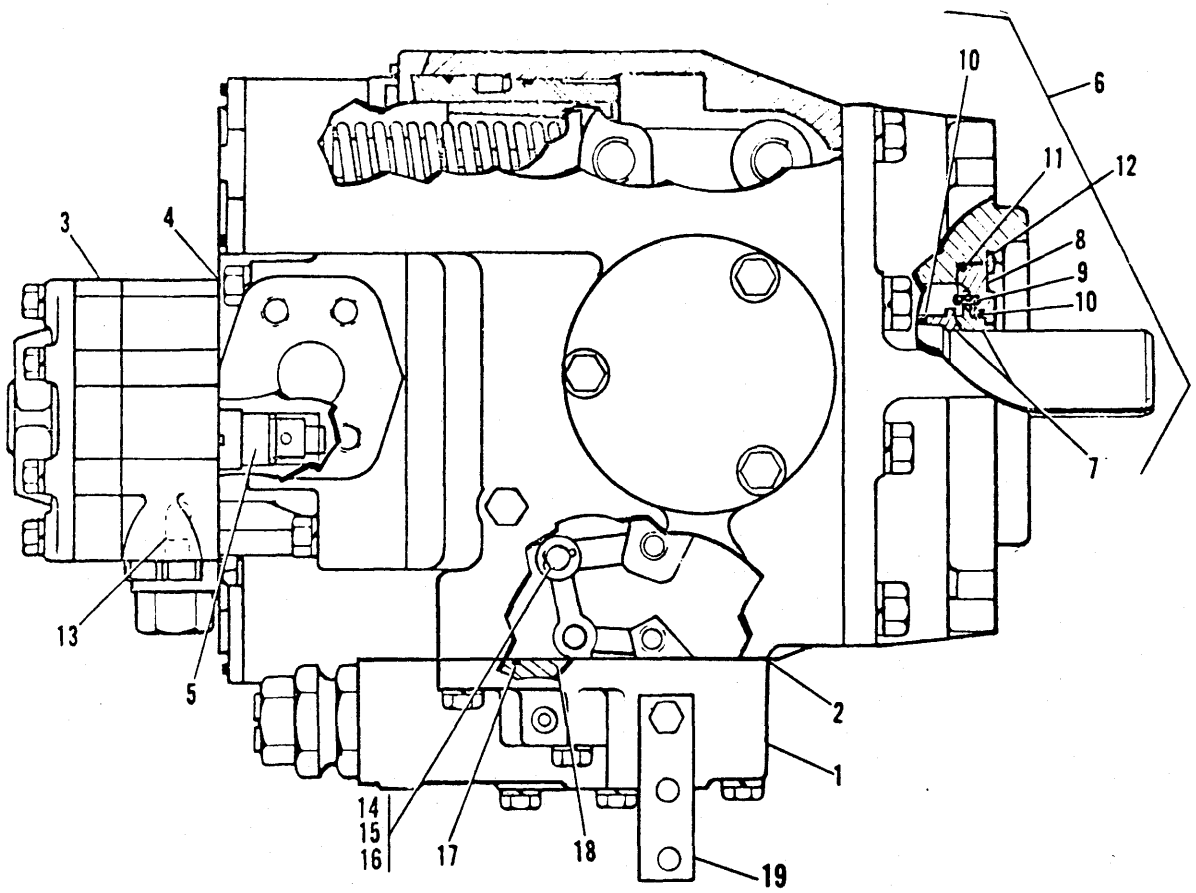
AMPLITUDE INDICATOR AND TRANSDUCER

Item No.	Part Number	Description	No. Req'd.
1	502-4577-80	Bracket – Link	1
2	298-218-2	Rod End ⅝"	2
3	102-8522-1	Threaded Rod ⅝" S.A.E.	1
4	- - - - -	Jam Nut ⅝" S.A.E.	2
5	602-3145-1	Transducer Assembly – Items 6 thru 21, Inclusive	1
6	502-4695-80	Mounting Frame	1
7	402-1728-2	Oscillating Frame	1
8	102-8520-1	Shaft	3
9	298-286-2	Ball Bearing – Sealed	2
10	298-8521-34	Retaining Ring	2
11	298-6018-34	Roll Pin 3/16" x 1½"	1
12	502-2931-80	Core Stack – Stationary	1
13	- - - - -	Cap Screw ¼" x 1¾" w/Locknut	3
14	102-8728-1	Transformer – Resonator	1
15	- - - - -	Cotter Pin ⅛" x 1½"	1
16	502-2930-80	Core Stack – Oscillating	1
17	102-8521-1	Shim .005"	36
18	- - - - -	Cap Screw ¼" x ¾"	4
19	102-8521-2	Shim .050"	2
20	- - - - -	Cap Screw ⅝" x 2" w/C.W. & Locknut	2
21	- - - - -	Cap Screw 5/16" x 1¼" w/Locknut	3

REX CHAINBELT INC.
PRINTED IN U.S.A.

Specify Quantity, Part Number and Description When Ordering

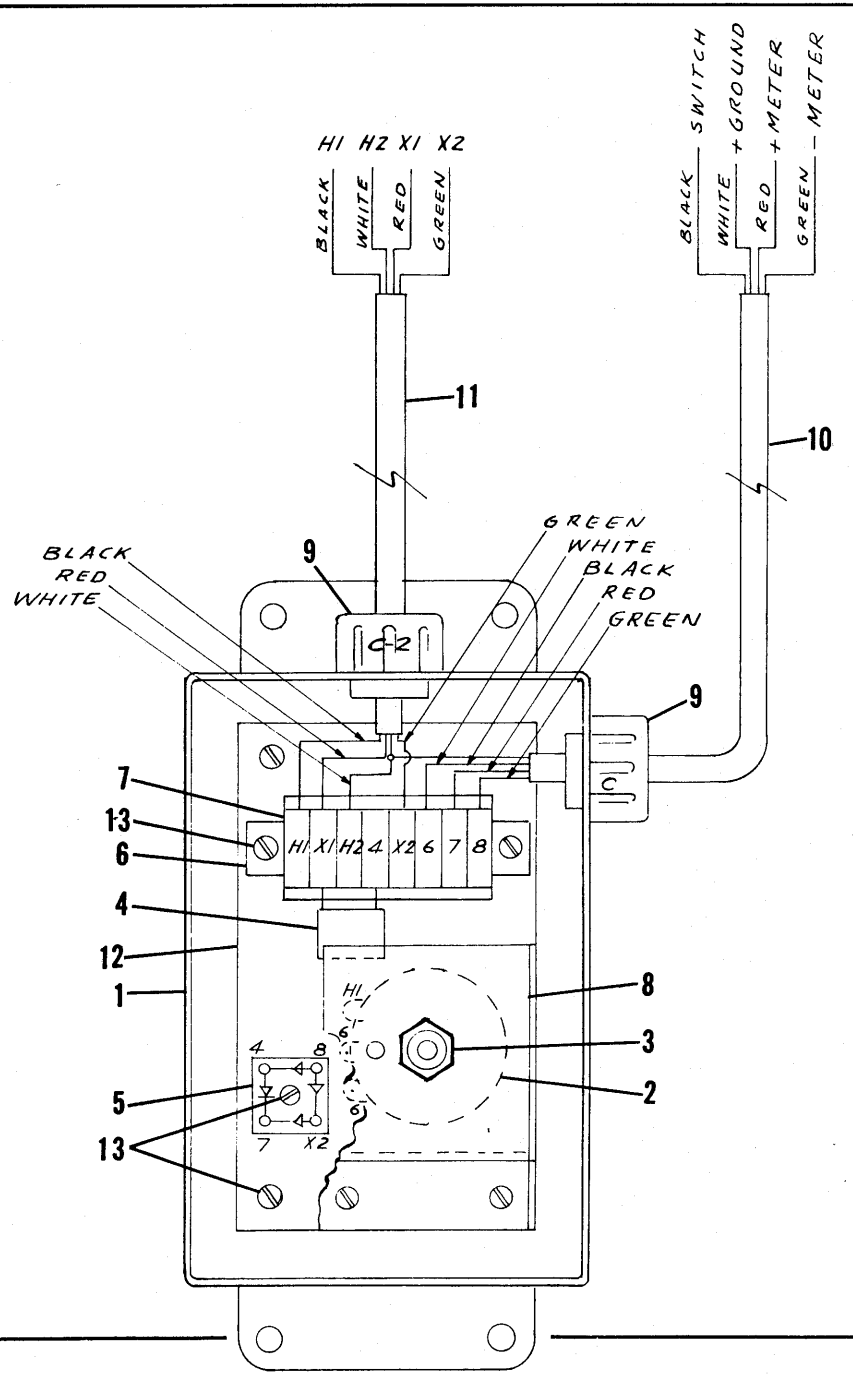
REX



HYDRAULIC PUMP – VIBRATOR
SUNDSTRAND MODEL NO. HT22-2080
REX Part No. 102-8704-1

Item No.	Part Number	Description	No. Req'd.
1	102-4365-4	Control Valve (*9800893)	1
2	102-4365-6	Control Valve Gasket (*9800138)	1
3	102-4365-8	Charge Pump	1
4	102-4365-11	Charge Pump Gasket (*9220327)	1
5	102-4365-12	Check Valve (*9800648)	1
6	102-4365-1	Seal Kit – Consists of Items 7 thru 11	1
7	*9210247	Shaft Seal	1
8	*9210248	Housing Seal Retainer	1
9	*9220242	Seal Spring	6
10	*9004102	"O" Ring	2
11	*9004100-2340	"O" Ring	1
12	102-4365-47	Retaining Ring (*9006320-0025)	2
13	102-4365-52	Charge Pump Rel. Valve Poppet (*9800597)	1
14	102-4365-48	Cotter Pin (*90046-0607)	1
15	102-4365-49	Pin (*9220441)	1
16	102-4365-50	Washer (*9009610-2850)	1
17	102-4365-51	"O" Ring (*9004101-0140)	3
18	- - - - -	Special Control Valve (*980-1303-1)	1
19	102-4365-46	Control Shaft Handle	1

* Sundstrand Part Numbers.

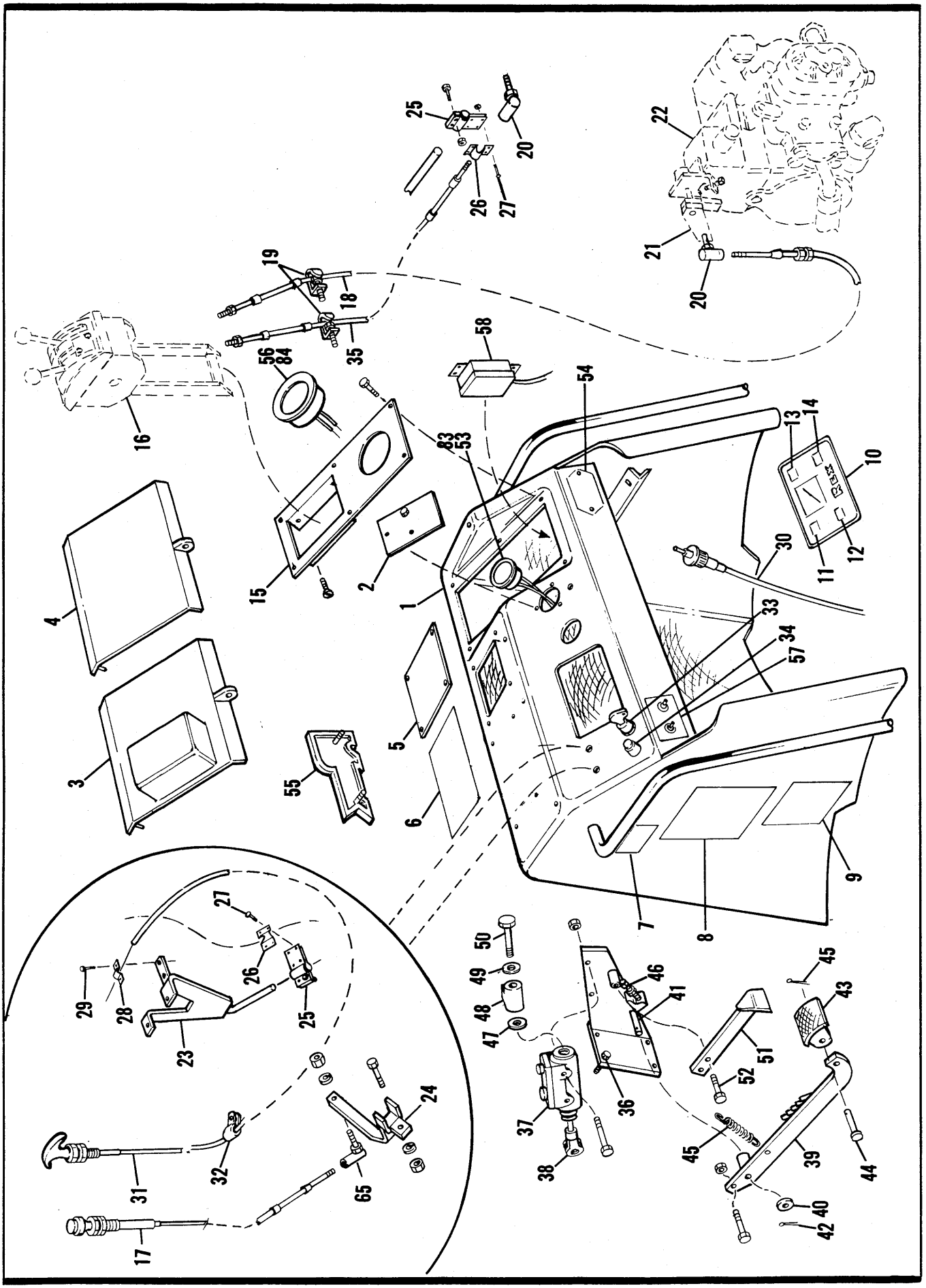


Engineering Std. 102-8743-1

for Vibration Meter
Used on 102-8515-1

CONTROL BOX – VIBRATION METER
REX Part No. 602-3074

Item No.	Part Number	Description	No. Req'd.
1	102-3887-1	Control Box	1
2	298-16182-17	Rheostat	1
3	298-26048-17	Shaft Lock	1
4	298-24053-17	Choke	1
5	298-24036-17	Rectifier	1
6	298-26071-17	Terminal Block End	2
7	298-26070-17	Terminal Block	8
8	102-3888-1	Bracket	1
9	298-11-17	Cord Grip	2
10	398-99005-52	Wire #18-4 x 36"	1
11	398-99005-52	Wire #18-4 x 144"	1
12	102-8528-1	Panel	1
13	- - - - -	Screw Rd. Hd. 6-32 x ½"	4



OPERATOR'S CONSOLE & CONTROLS

OPERATOR'S CONSOLE & CONTROLS
THROTTLE, DIRECTION, EXCITER, PULL TO STOP, IGNITION & STARTER

Item No.	Part Number	Description	No. Req'd.
1	502-6182-80	Operator's Console	1
2	102-8531-1	Cover, Amplitude Ga.	1
	- - - - -	Cap Screw 3/8" x 1" w/C.W., L.W. & Nut	9
3	502-4635-80	Cover, Instruments	1
4	502-4634-80	Cover, Instruments	1
5	102-8677-1	Cover, Brake Master Cylinder	1
6	102-4651-1	Instruction Plate - Operation of Machine	1
7	102-3736-1	Instruction Plate - "Towing"	1
8	102-3737-1	Instruction Plate - "Lubrication"	1
9	102-3845-1	Instruction Plate - "Clearances"	2
10	102-4375-1	Instrument Cluster – Includes Items 11 thru 14 Assembled	1
11	- - - - -	Ammeter Gauge - Stewart Warner #440436	1
	- - - - -	Temperature Gauge - Stewart Warner #442784	1
12	298-2067-56	Water Temperature Sending Unit - Stewart Warner Corp. #362AJ	1
	- - - - -	Reducing Bushing	1
	298-2066-56	Oil Pressure Sending Unit - Stewart Warner #353Z	1
13	- - - - -	Oil Gauge - Stewart Warner #444642	1
14	- - - - -	Fuel Gauge - Stewart Warner #441343	1
	502-2977-80	Mounting Flange - Throttle & Direction Con.	1
15	- - - - -	Machine Screw Flat Head 1/4" x 1"	6
	102-3937-1	Control - Throttle & Direction - Morse #E63144 (See Separate Illustration)	1
16	- - - - -	Machine Screw Flat Head 1/4" x 1/2"	4
17	102-8642-1	Control Cable - Throttle, 156" lg. Morse Series 30M #D44194	1
18	102-8672-1	Control Cable - Forward - Reverse Morse Series 40 #43C-180	1
19	102-7253-1	Cable Brake for Throttle Cable & Direction - Morse #44386	3
20	X202821	Ball Joint 1/4 - 28	2
21	502-2754-80	Lever - Hydrostatic Pump Control	1
22	102-8705-1	Hydrostatic Pump - Traction Drive (See Separate Illustration)	1
23	502-4625-80	Bracket - Throttle Cable	1
24	502-2980-80	Control Arm - Governor	1
25	298-157-47	Bracket - Cable Clamp	2
26	298-158-47	Cable Clamp	2
27	- - - - -	Machine Screw Rd. Hd. 10-24 x 3/4"	8
28	298-146-47	Cable Clamp - Throttle Cable	1
29	- - - - -	Machine Screw Rd. Hd. 10-24 x 5/8" Morse #A31804	2
30	102-3302-4	Flexible Shaft - Tachometer	1
31	102-7957-1	Cable - Pull to Stop	1
32	298-9032-86	Cable Clamp	1
33	298-6068-17	Ignition Lock Switch (Cole Hersee Co. #95522A)	1
	203027-1	Wire - Ignition Switch to Ampere Gauge	3
34	298-6067-17	Starter - Push Button (Cole Hersee Co. #9216)	1
	102-7958-1	Conduit Clamp (Not Illustrated)	1
35	298-156-47	Cable - Exciter Control (Morse #43C, 8 ft. lg.)	1
36	502-4460-80	Bracket - Brake Master Cyl.	1
	- - - - -	Cap Screw 3/8" x 1" w/L.W. & Nut	4
37	102-8109-1	Brake Master Cylinder (Wagner #FE3086)	1
	102-8109-12	Repair Kit for Master Cylinder (Wagner #F11301)	1
38	102-1991-1	Yoke End - Brake Cylinder	1
	- - - - -	Nut 7/16" U.N.F.	1
39	502-2791-80	Brake Lever	1
40	- - - - -	Cut Washer	1
41	298-80-47	Pin - Brake Lever	1
42	- - - - -	Cotter Pin 1/8" x 2"	1
43	102-1596-2	Pad - Brake Pedal	1
44	- - - - -	Pin - Brake Pedal	1
	- - - - -	Cotter Pin	1
45	102-1891-1	Spring	1
46	- - - - -	Set Screw 5/16" x 2" w/Nut	1
47	298-5017-92	Gasket - Hyd. Brake Line	1
48	298-2131-62	Connector - Brake Cylinder	1
49	298-5018-92	Gasket - Brake Line	1
50	298-5019-92	Bolt - Brake Line	1
51	502-2965-80	Brake Lock	1

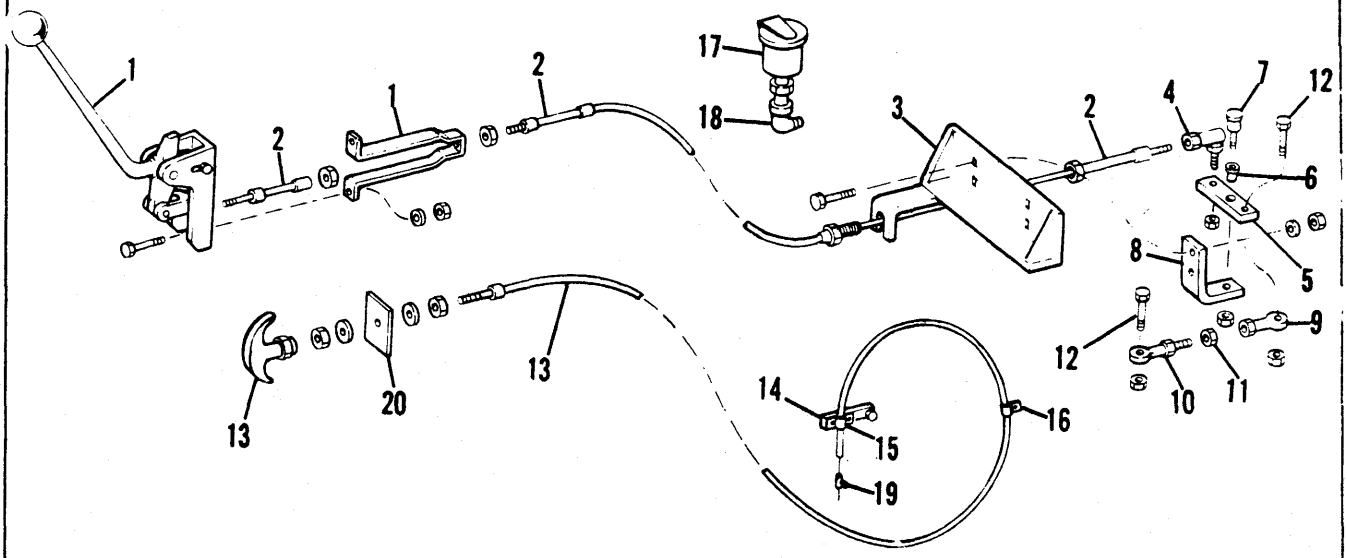
REX CHAINBELT INC.
PRINTED IN U.S.A.

Specify Quantity, Part Number and Description When Ordering
REX

OPERATOR'S CONSOLE & CONTROLS
THROTTLE, DIRECTION, EXCITER,
PULL TO STOP, IGNITION & STARTER

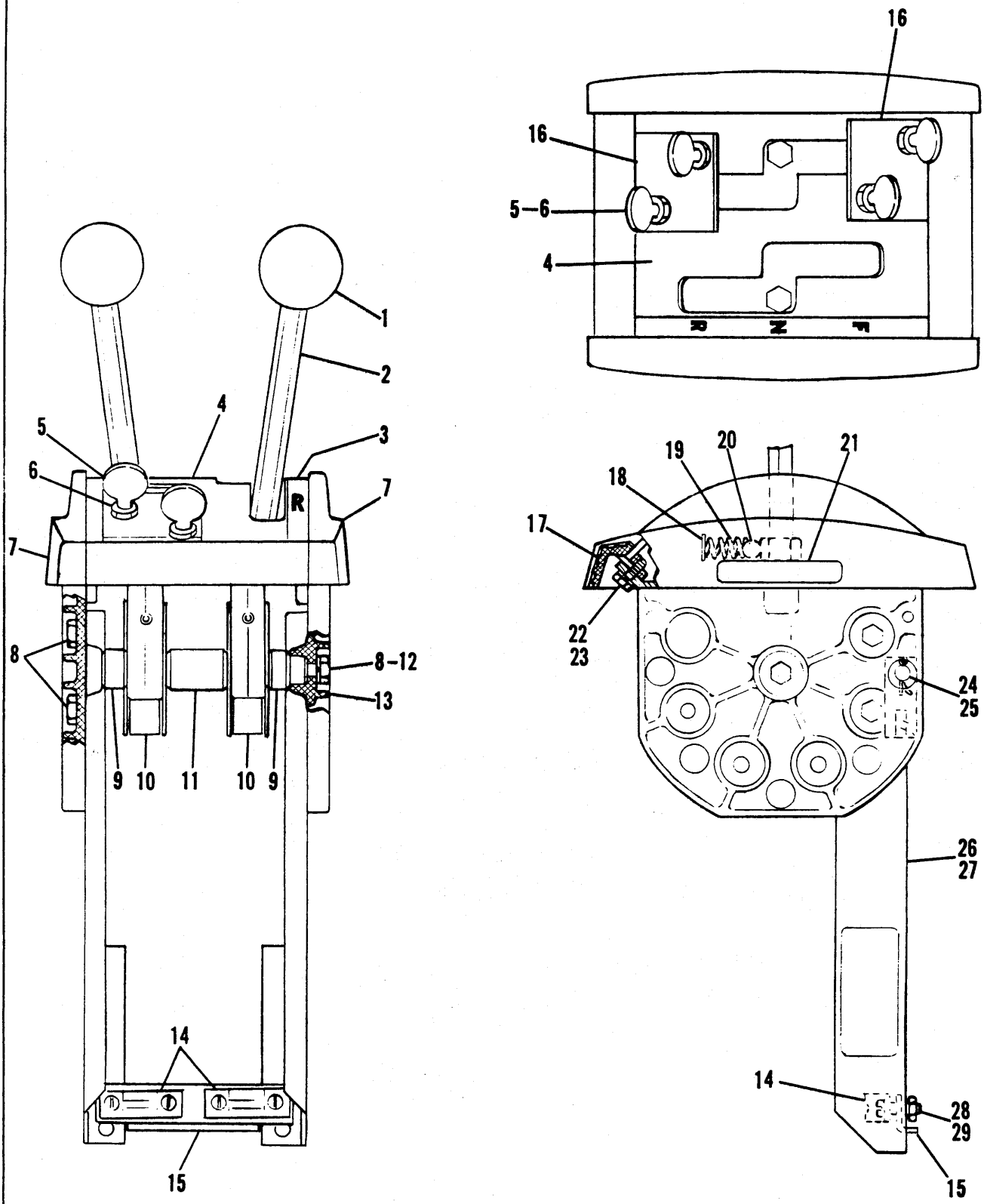
Item No.	Part Number	Description	No. Req'd.
52	- - - - -	Cap Screw ⅜" x 2½" w/Lock Nut	1
53	102-8743-1	Frequency Meter (See Wiring Diagram)	1
54	102-1282-1	Plate – Model & Ser. No.	1
55	402-1540-1	REX Nameplate w/Studs	4
	- - - - -	Nut 5/16" w/Lock Washer	6
	402-1540-2	REX Nameplate w/Tapped Holes	2
	- - - - -	Bolt – Flat Head	4
56	102-8516-1	Tachometer, Vibration Meter – A.P.I. Instruments Co. – Chesterland, Ohio #355	1
	102-8744-1	Label V.P.M.	1
	X202617	Switch	1
	298-52-17	Boot for Switch	1
	298-11-17	Cord Grip ½"	1
	298-86-17	Solderless Connectors	2
57	102-8719-1	Plate – Spray Control	1
	298-6123-17	Toggle Switch	1
	298-52-17	Seal for Toggle Switch	1
58	602-3074	Vib. Meter Control Box (See Sep. Illus.)	1
		MISCELLANEOUS PARTS – Not Illus.	
70	298-2129-62	Tee – Brake Line	1
71	502-2306-80	Brake Line 27" lg.	1
72	502-2306-83	Brake Line 72" lg.	1
73	X20412	Clip – Brake Line	3
74	502-2306-84	Brake Line 96" lg.	1
75	- - - - -	Cap Screw ⅜" x 2½"	1
	298-2012-71	Lock Nut ⅜" U.N.C.	1
76	298-6067-17	Conduit Clamp	2
77	102-8698-1	Label "Control"	1
78	102-3788-1	Plate "Vibrator Control"	1
79	298-4054-47	Emblem S.M.V.	1
80	102-4650-1	Label "Lubrication"	1
81	102-8699-1	Label "Filter Indicator"	1
82	298-263-47	Cable End 10-32 U.N.F. Female with ¼-28 Male Stud	1
83	502-205-80	Wire for Frequency Meter	1
84	102-8975-1	Adapter for Tachometer	1

REX CHAINBELT INC
PRINTED IN U.S.A.



CONTROLS
TWO-SPEED SHIFT & EMERGENCY STOP

Item No.	Part Number	Description	No. Req'd.
1	102-7963-1	Control – 2-Speed Shift (Morse #E48996)	1
2	102-7244-15	Control Cable (Morse Series 60, #63B66)	1
3	502-4456-80	Bracket – 2-Speed Support	1
4	X203049	Ball Joint 5/16"-24 Thread (Tonrek Type "R", #R-108)	1
5	102-3669-1	Lever – 2-Speed Shift	1
6	298-241-2	Bearing – Flanged Nylon	1
7	298-8014-4	Shoulder Bolt	1
8	102-3668-1	Bracket – 2-Speed Shift	1
9	298-123-2	Rod End – Female (Spherco #TR6)	1
10	298-5075-92	Rod End – Male (Spherco #FRE-6)	1
11	298-2011-71	Locknut 3/8" U.N.F.	1
12	- - - - -	Cap Screw 3/8" x 1½" w/C.W., L.W. & Nut	2
13	102-7957-1	Cable – Emergency Stop Red "T" Handle 144" lg. (Morse #B48701)	1
14	102-8022-1	Mounting Bracket – Emergency Stop Cable	1
15	298-146-47	Cable Clamp w/Shim (Morse #A31804)	1
16	298-30-47	Cable Clamp – Jiffy	1
17	298-92-47	Ether Cup	1
18	- - - - -	Street Elbow 1/8" x 90°	1
19	- - - - -	Cable End	1
20	102-3789-1	Plate – 2-Speed Control	1



CONTROLS ASSEMBLY
REX Part No. 102-3937-1

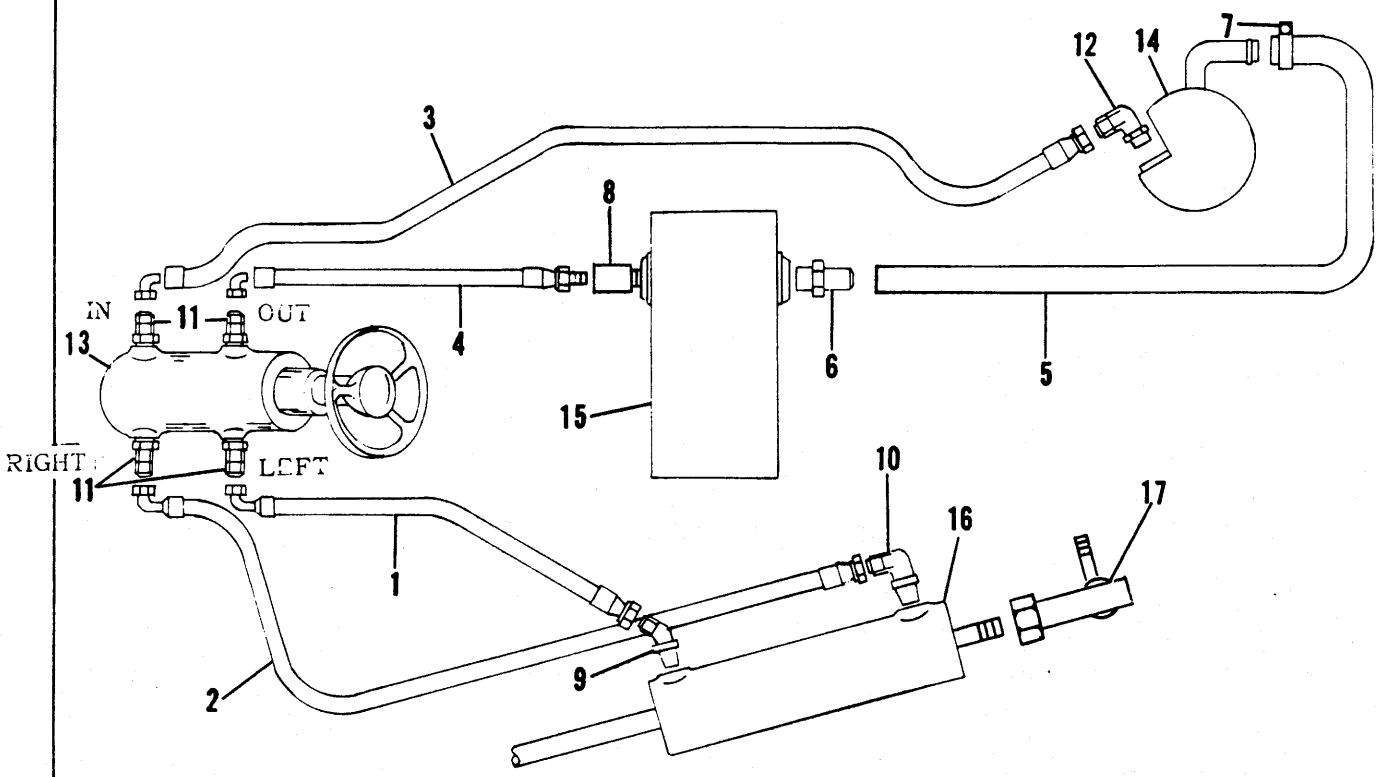
M/L
702-1768

CONTROL ASSEMBLY
MORSE CONTROLS INC. NO. E63144
REX Part No. 102-3937-1

Item No.	Part Number	Description	No. Req'd.
1	*A29106	Knob -10	2
2	*D60432-1	Actuator Assembly -11	2
3	*B61143-1	Position Strip	1
4	*D63143	Gate Plate	1
5	- - - - -	Thumb Screw ¼"-20 x ½"	4
6	*A50901-005	Hex Nut ¼"-20	4
7	*D49348	Housing	2
8	*A50406-832	Machine Screw ¼"-20 x ½"	6
9	*A49403	Spacer – Short	2
10	*A60605	Cable Terminal – C40 -16	2
11	*A60412	Spacer – Long	1
12	*A50801-326	Lock Washer ¼"	2
13	*A60411	Shaft – 2 Lever	1
14	*A31532	Cable Clamp	2
15	*A60606	Shim – 40 Series	1
16	*A63767	Adjustable Lever Stop	2
17	*B48465-3	Spacer – Housing	2
18	*A60935	Slug	1
19	*A49391	Detent Spring	2
20	*A51600-123	Ball ⅜" Stainless Steel	2
21	*A60058	Decal – Morse	2
22	*A50406-439	Machine Screw #10-24 x ½"	4
23	*A50801-308	Lock Washer #10	8
24	*A48452	Clevis Pin	2
25	*A51001-031	Cotter Pin 3/32" x ½"	2
26	*B49539-1	Cable Hanger Assembly (L.H.)	1
27	*B49539-2	Cable Hanger Assembly (R.H.)	1
28	*A50112-060	Flat Hd. Screw #10-24 x ⅝"	4
29	*A50900-056	Hex Nut #10-24	4
30	*A51700-008	Lubricant – A32289	AR

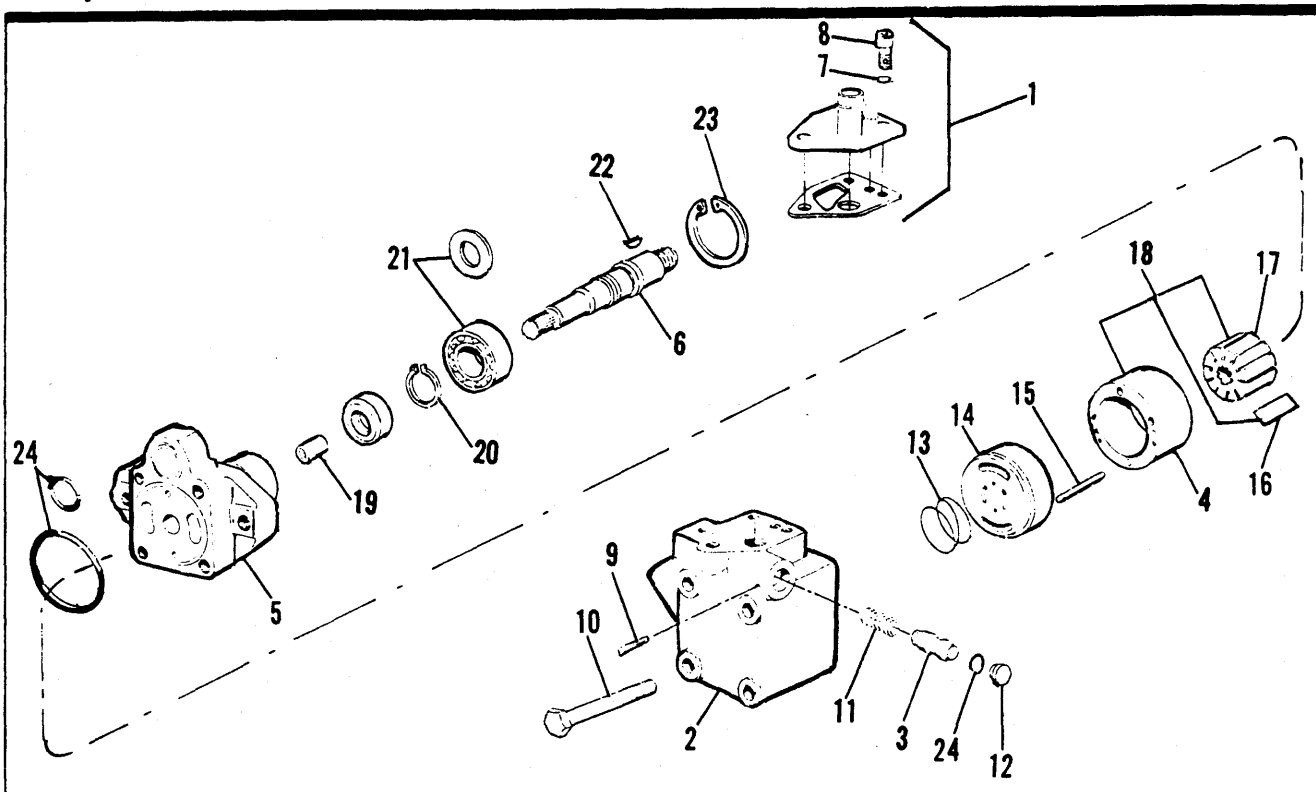
* Morse Controls Inc., Hudson, Ohio
Part Numbers

Lube at Assembly with Item 30



POWER STEERING HYDRAULIC SYSTEM
REX Part No. 102-8077-1

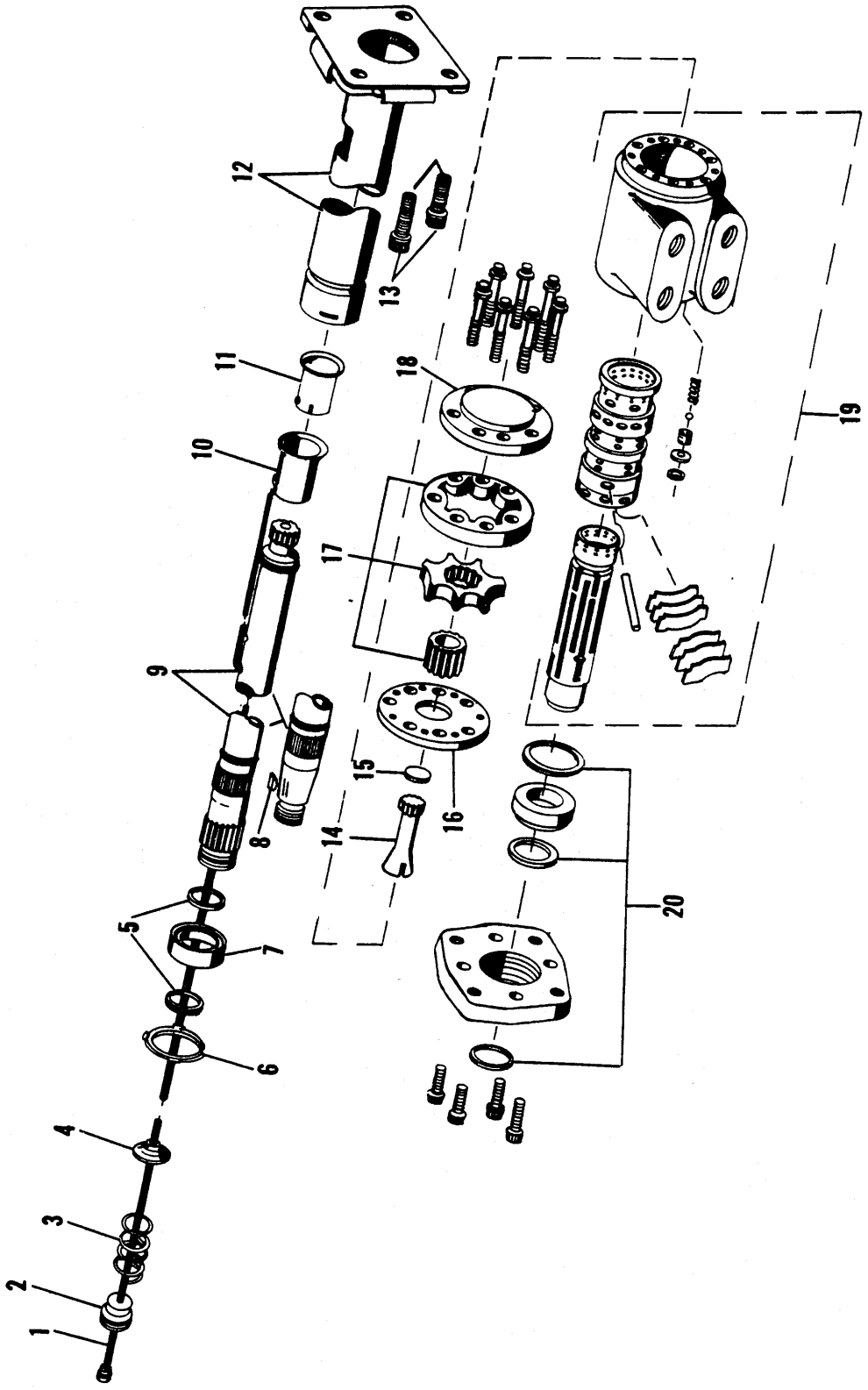
Item No.	Part Number	Description	No. Req'd.
1	102-3701-1	Hose Assembly ½" x 75" lg.	1
2	102-3701-2	Hose Assembly ½" x 88½" lg.	1
3	102-3701-3	Hose Assembly ½" x 130" lg.	1
4	102-3701-4	Hose Assembly ½" x 102" lg.	1
5	102-7033-5	Hose ⅝" I.D. x 24" lg.	1
6	298-8018-86	Hose Adaptor (½" MNPT)	1
7	298-9018-86	Hose Clamp	1
8	- - - - -	Pipe Coupling ½"	1
9	298-8112-86	Elbow 45° (½" MNPT – ¾"-16 Str.)	1
10	298-2171-62	Elbow 90° (½" MNPT – ¾"-16 Str.)	1
11	298-8110-86	Str. Adaptor (¾"-16 "O" Ring – JIC)	4
12	298-8111-86	Elbow 90° (¾"-16 "O" Ring – JIC)	1
13	102-8077-1	Orbitrol Steering Unit	1
14	*102-7949-1	Pump – Steering – (See separate illust.)	1
15	*502-6035-80	Hydraulic Tank (See separate illust.)	1
16	*102-3725-1	Hydraulic Cylinder – (See separate illust.)	1
17	102-7505-1	Ball Stud	2



HYDRAULIC PUMP – STEERING
VICKERS PART NUMBER VTM42-60-75-15-MD-R1-12
REX PART NUMBER 102-7949-1

Item No.	Part Number	Description	No. Req'd.
1	102-7949-10	Manifold Sub-Assembly (*281409)	1
2	102-7949-11	Cover Sub-Assembly (*286613)	1
3	102-7949-12	Control Valve Sub-Assembly (*232797)	1
4	102-7949-13	Ring (*296599)	1
5	102-7949-14	Body Sub-Assembly (*296601)	1
6	102-7949-15	Shaft (*250455)	1
7	102-7949-16	Washer (*28931)	1
8	102-7949-17	Screw (*199144)	3
9	102-7949-18	Pin (*32559)	1
10	102-7949-19	Screw (*171523)	4
11	102-7949-20	Spring (*170072)	1
12	102-7949-21	Plug (*175049)	1
13	102-7949-22	Spring (*245507)	1
14	102-7949-23	Pressure Plate (*276396)	1
15	102-7949-24	Pin (*154364)	2
16	102-7949-25	Vane Kit (*922594) (10 pcs.)	1
17	102-7949-26	Rotor (*213859)	1
18	102-7949-27	Cartridge Kit (*923092)	1
19	102-7949-28	Bearing (*222440)	1
20	102-7949-29	Snap Ring (*106641)	1
21	102-7949-30	Bearing (*148423)	1
22	102-7949-31	Key (*1606)	1
23	102-7949-32	Snap Ring (*172376)	1
24	102-7949-33	Seal Kit (*922904)	1

*Vickers Incorporated – P.O. Box 302 – Troy, Michigan 48084 part numbers.

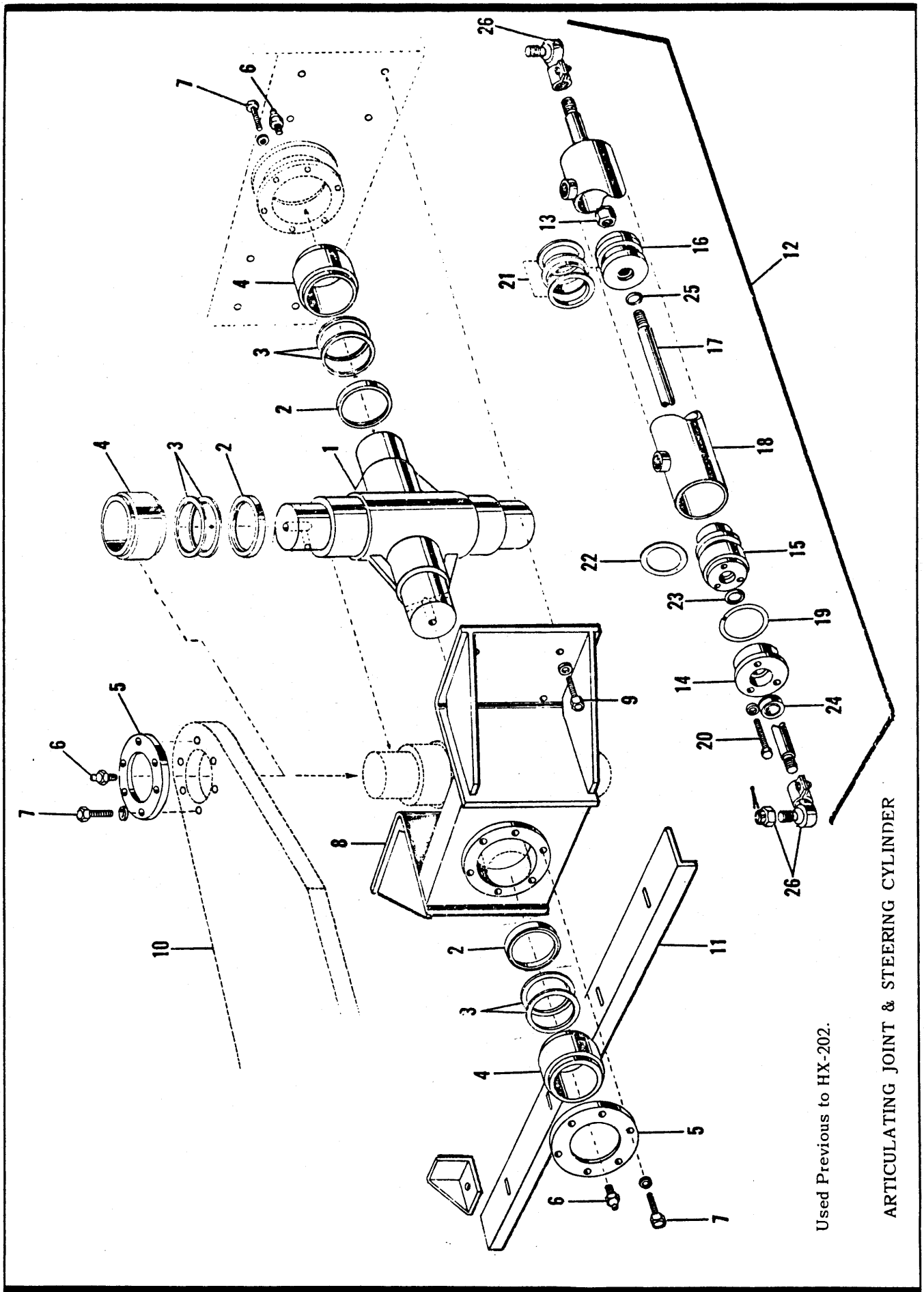


POWER STEERING CONTROL UNIT
CHAR-LYNN CO. "ORBITROL" MODEL SCB-UM-11
REX PART NO. 102-8077-1

POWER STEERING CONTROL UNIT
CHAR-LYNN CO. "ORBITROL" MODEL SCB-UM-11
REX PART NO. 102-8077-1

Item No.	Part Number	Description	No. Req'd.
1	- - - - -	Not Used	-
2	- - - - -	Not Used	-
3	- - - - -	Not Used	-
4	- - - - -	Not Used	-
5	102-8077-21	Snap Ring (*14092)	2
6	102-8077-22	Retaining Ring (*5245)	1
7	102-8077-23	Bearing Assembly (*21146)	1
8	- - - - -	Not Used	-
9	102-8077-24	Steering Shaft Assembly (*5249-1)	1
10	- - - - -	Not Used	-
11	- - - - -	Not Used	-
12	102-8077-25	Tube and Flange Assembly (*5246-1)	1
13	- - - - -	Cap Screw 3/8" - 16 x 3/4"	2
14	102-8077-10	Drive (*839)	1
15	102-8077-11	Spacer (*20642)	1
16	102-8077-12	Plate (*594)	1
17	102-8077-13	Gerotor Set (1.50 thick) (*612)	1
18	102-8077-14	End Cap (*21176)	1
19	102-8077-15	Control Parts Assembly (*847-2)	1
20	102-8077-16	Seal Kit	1

*Char-Lynn Company – 15151 Highway 5 – Eden Prairie, Minnesota part numbers.


ARTICULATING JOINT & STEERING CYLINDER
Used Previous to HX-202.

Used Previous to HX-202.

ARTICULATING JOINT

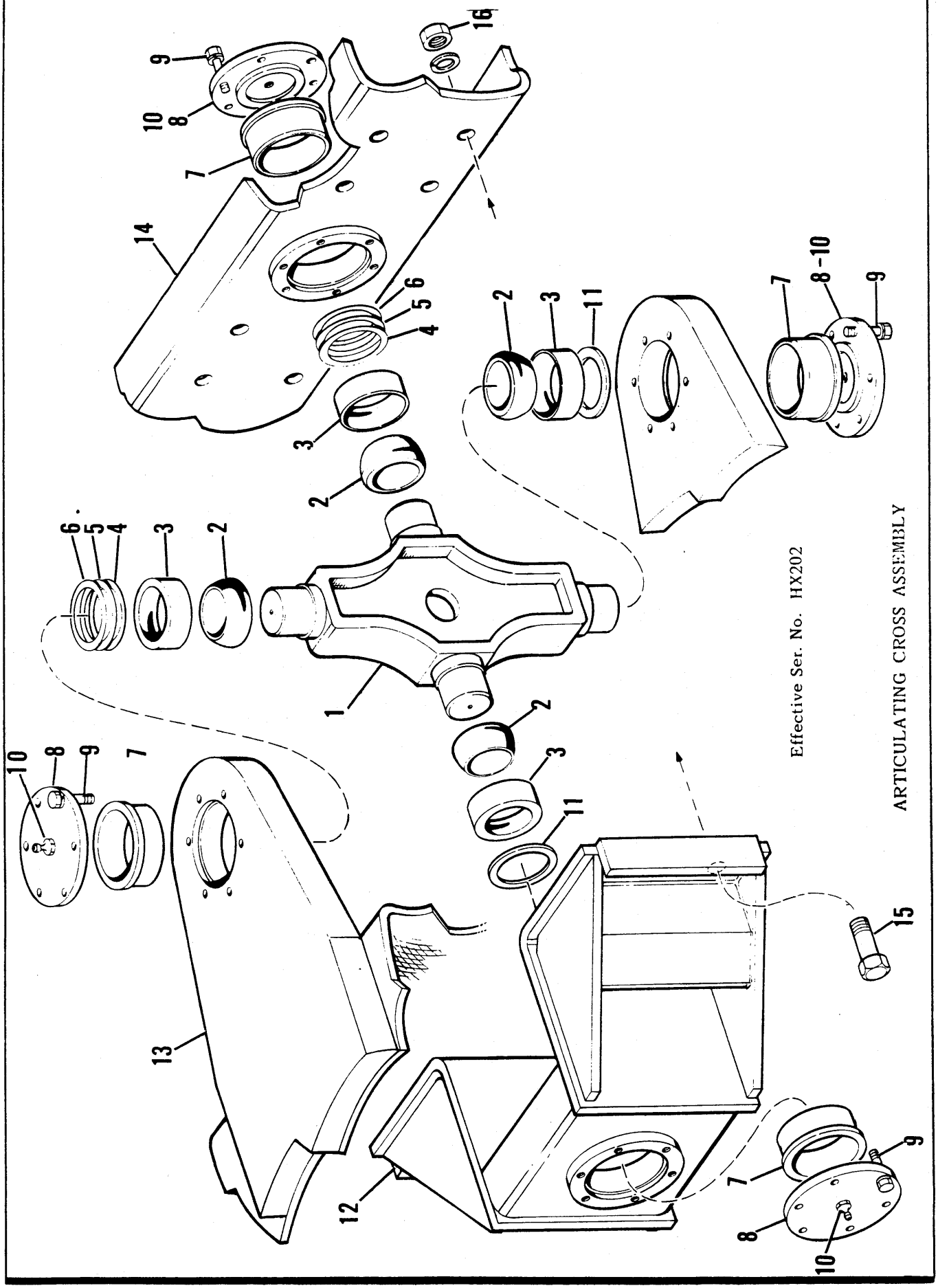
Item No.	Part Number	Description	No. Req'd.
1	502-4395-80	Cross Shaft	1
2	102-8706-1	Bearing Spacer	4
3	102-7924-1	Shim 1/16" (As Needed)	8
	102-7924-2	Shim 1/32" (As Needed)	4
4	298-6805-8	Self-Aligning Bushing (R.B.C. #B32-L)	4
5	102-7919-1	Bearing Cover	4
6	#1610	Lubrication Fitting 1/8"	4
7	- - - - -	Cap Screw 1/2" x 1 1/2" w/L.W.	16
	298-2010-71	Lock Nut 1/2"	12
	- - - - -	Cap Screw 1/2" x 2 1/2" w/L.W.	12
8	502-4396-80	Bracket – Bearing Housing	1
9	- - - - -	H.C.-H.T. Cap Screw 3/4" x 5"	8
	298-2016-71	Lock Nut 3/4"	8
10	502-7087-80	Frame for Roll (Reference only)	1
	502-7087-81	Straight Frame for Roll (Ref. only)	1
11	102-4517-1	Scraper for Frame Roll	2

STEERING CYLINDER

Item No.	Part Number	Description	No. Req'd.
12	102-3725-1	Hydraulic Cylinder – Steering (Consists of Items 13 thru 25)	1
13	102-3725-2	Nut (Cross Mfg. #1A0146)	1
14	102-3725-3	Head Cap (Cross Mfg. #1C1528)	1
15	102-3725-4	Head (Cross Mfg. #1C1648)	1
16	102-3725-5	Piston (Cross Mfg. #1C0005)	1
17	102-3725-6	Rod (Cross Mfg. #1C9679)	1
18	102-3725-7	Tube Assembly (Cross Mfg. #1C9678)	1
19	102-3725-8	Retaining Ring (Cross Mfg. #1A0004)	1
20	102-3725-9	Cap Screw (Cross Mfg. #1A0300)	3
21	*102-3725-10	Seal, T-Ring (Cross Mfg. #1A0315)	1
22	102-3725-11	"O" Ring (Cross Mfg. #1A0003)	1
23	102-3725-12	Seal, T-Ring (Cross Mfg. #1A0314)	1
24	102-3725-13	Seal, Wiper (Cross Mfg. #1A0019)	1
25	102-3725-14	"O" Ring (Cross Mfg. #1A0051)	1
26	102-7505-1	Ball Stud 1 1/8" - 12 U.N.F. Internal Thread (Vickers #922945)	2

For Service Part No. 102-3725-12 will be replaced by –
102-3725-15 "O" Ring (Cross 1A0020)
102-3725-16 Backup (Cross 1A0147)

REX CHAINBELT INC.
PRINTED IN U.S.A.
Specify Quantity, Part Number and Description When Ordering
REX

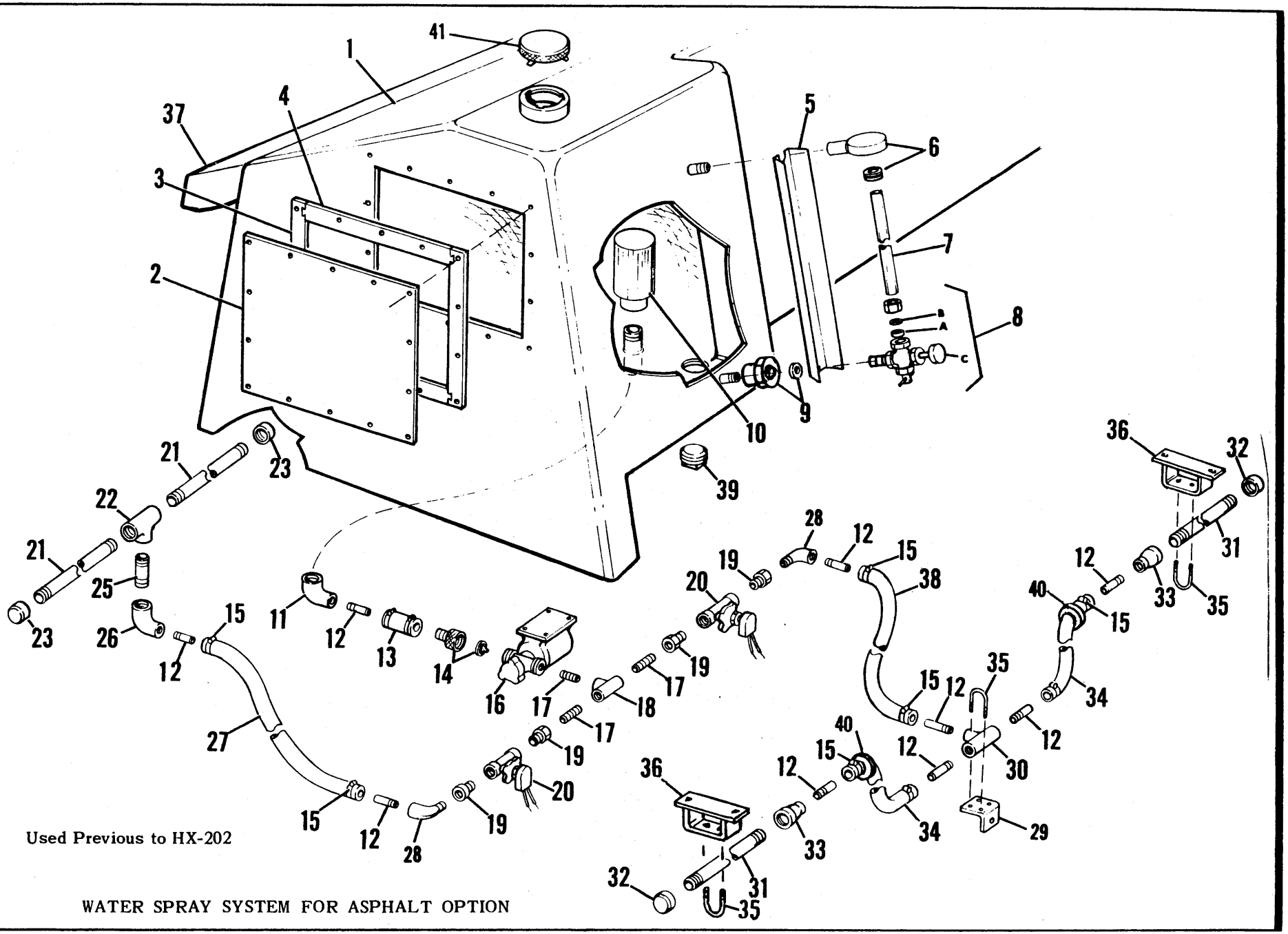

ARTICULATING CROSS ASSEMBLY
Effective Ser. No. HX202

Effective Ser. No. HX202

ARTICULATING CROSS ASSEMBLY

Item No.	Part Number	Description	No. Req'd.
1	402-2616-2	Articulating Cross	1
2	298-10027-2	Inner Bearing Ring	4
3	298-10028-2	Outer Bearing Ring	4
4	102-8757-3	Shim, .050"	4
5	102-8757-2	Shim, .010"	8
6	102-8757-1	Shim, .005"	2
7	102-3977-1	Sleeve – Bearing	4
8	102-3978-1	Bearing Retainer	4
9	- - - - -	Cap Screw ½"-13 x 2" H.C. – H.T. w/L.W.	24
10	- - - - -	Lube Fitting ⅛" N.P.T. #1610	4
11	102-8757-4	Shim, .125"	2
12	502-4676-80	Bracket – Bearing Housing	1
13	502-7087-80	Roll Frame	1
14	502-7103-80	Main Frame	1
15	- - - - -	Cap Screw ¾" x 5" H.C. – H.T. w/L.W.	8
16	298-2016-71	Lock Nut ¾"	8

REX CHAINBELT INC.
PRINTED IN U.S.A.



Used Previous to HX-202

WATER SPRAY SYSTEM FOR ASPHALT OPTION

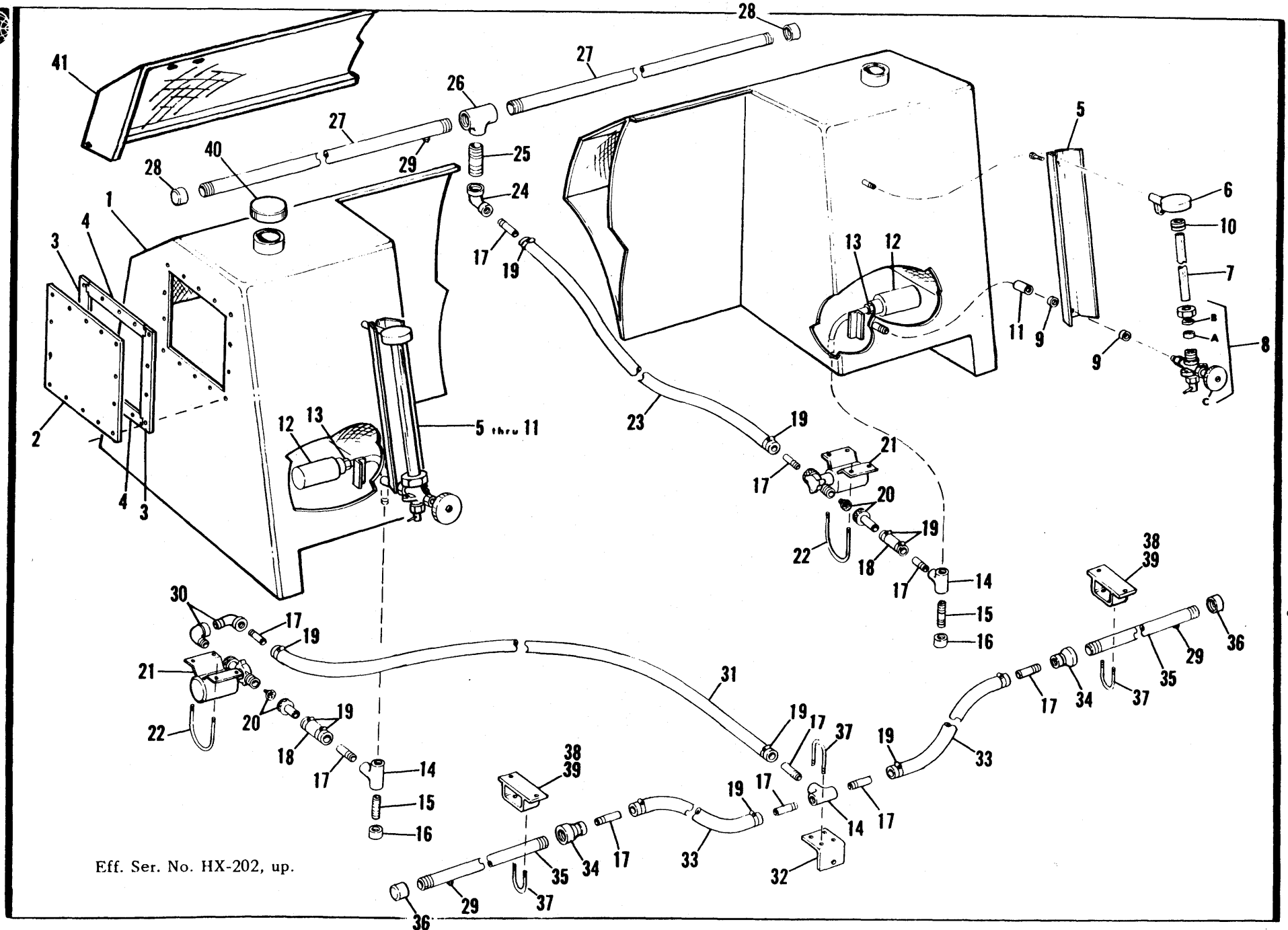
REX CHAINBELT INC.
PRINTED IN U.S.A.

Used Previous to HX-202

WATER SPRAY SYSTEM FOR ASPHALT OPTION

Item No.	Part Number	Description	No. Req'd.
1	502-6192-80	Water Tank	1
	- - - - -	Cap Screw ⅝" x 2" w/Lock Nut	6
2	102-3990-1	Cover for Tank	2
	- - - - -	Cap Screw ⅜" x 1" w/Copper C.W.	28
3	102-4643-1	Gasket – Cover	4
4	102-4643-2	Gasket – Cover	4
5	102-3965-1	Guard – Tube	1
6	502-2766-80	Extension Fitting for Tube	1
	X8063	Rubber Grommet	1
7	102-8792-1	Glass Tube – Gauge	1
8	X-551	Brass Gauge Cock for ⅝" Dia. Tube, w/Petcock for drain	1
	X-551-A	Rubber Washer	1
	X-551-B	Brass Washer	1
	X-551-C	Composition Handle w/Mtg. Screw	1
9	102-8325-1	Rubber Insulator for Guard	1
	- - - - -	Reducer Bushing 7/16" x ½"	1
10	298-151-53	Filter – Sump Strainer, 60 mesh Monel – Jelliff Corp. #J-10-170-60-1" NPTF	1
11	- - - - -	Reducing Ell, 1" x ⅜" Galvanized	1
12	- - - - -	Nipple ⅜" x 1½" T.O.E. Galvanized	9
13	102-8224-8	Hose ⅝" I.D. x 4" long	1
14	298-8121-86	Hose Coupling w/Washer	1
	298-6510-68	Filter for Coupling	1
15	298-9048-86	Hose Clamp	10
16	102-6440-1	Pump – Jabsco (See Sep. Illus.)	1
17	- - - - -	Close Nipple ⅜"	3
18	- - - - -	Pipe Tee ⅜" Galvanized	1
19	- - - - -	Reducing Bushing ½" to ⅜"	4
20	298-46-98	Solenoid Valve – 12 volt, ½" N.P.T. Automatic Switch Co. #Asco 8210B94	2
21	102-3966-1	Front Spray Bar	2
22	- - - - -	Pipe Tee ¾" Galvanized	1
23	- - - - -	Pipe Cap ¾" Galvanized	2
24	102-6438-1	Spray Nozzle	18
25	- - - - -	Nipple ¾" x 2¾" T.B.E. Galvanized	1
26	- - - - -	Reducing Ell, ¾" to ⅜" Galvanized	1
27	102-8224-3	Hose ⅝" I.D. x 65" long	1
28	- - - - -	Street Ell ⅜"	2
29	102-8718-1	Bracket for Tee	1
30	- - - - -	Tee ⅜" x ⅜" x ⅜" Galvanized	1
31	102-3967-1	Spray Bar (Rear) ¾"	2
32	- - - - -	Pipe Cap ¾" Galvanized	2
33	- - - - -	Reducing Coupling ⅜" to ¾"	2
34	102-8224-2	Hose ⅝" I.D. x 38" long	2
35	298-1000-4	U-Bolt w/Nut & L.W.	6
36	502-8021-80	Support – Spray Bar (Rear)	4
	- - - - -	Carriage Bolt w/Lock Nut	8
37	502-4659-80	Cover for Spray Bar	1
	- - - - -	Cap Screw ⅜" x ¾" w/Lock Nut	6
	102-3329-1	REX Nameplate	1
	- - - - -	Cap Screw ¼" x ½" w/L.W.	2
38	102-8224-5	Hose ⅝" I.D. x 74" long	1
39	- - - - -	Pipe Plug 2"	1
40	- - - - -	Rubber Grommet	2
41	- - - - -	Cap – Water Tank	1

REX CHAINBELT INC.
PRINTED IN U.S.A.



WATER SYSTEM FOR ASPHALT OPTION

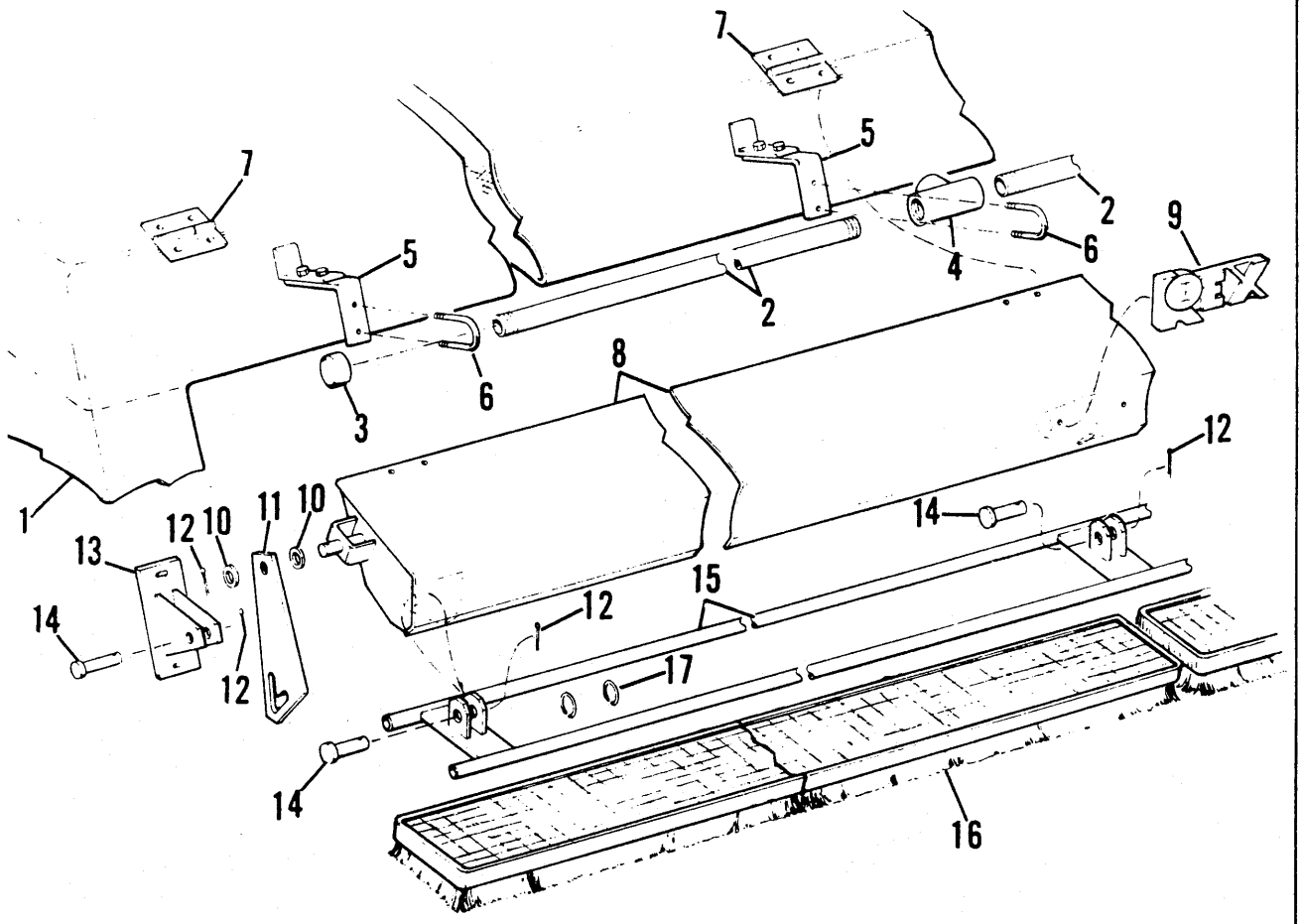
REX CHAINBELT INC
PRINTED IN U.S.A.

Eff. Ser. No. HX-202, up.

WATER SYSTEM FOR ASPHALT OPTION

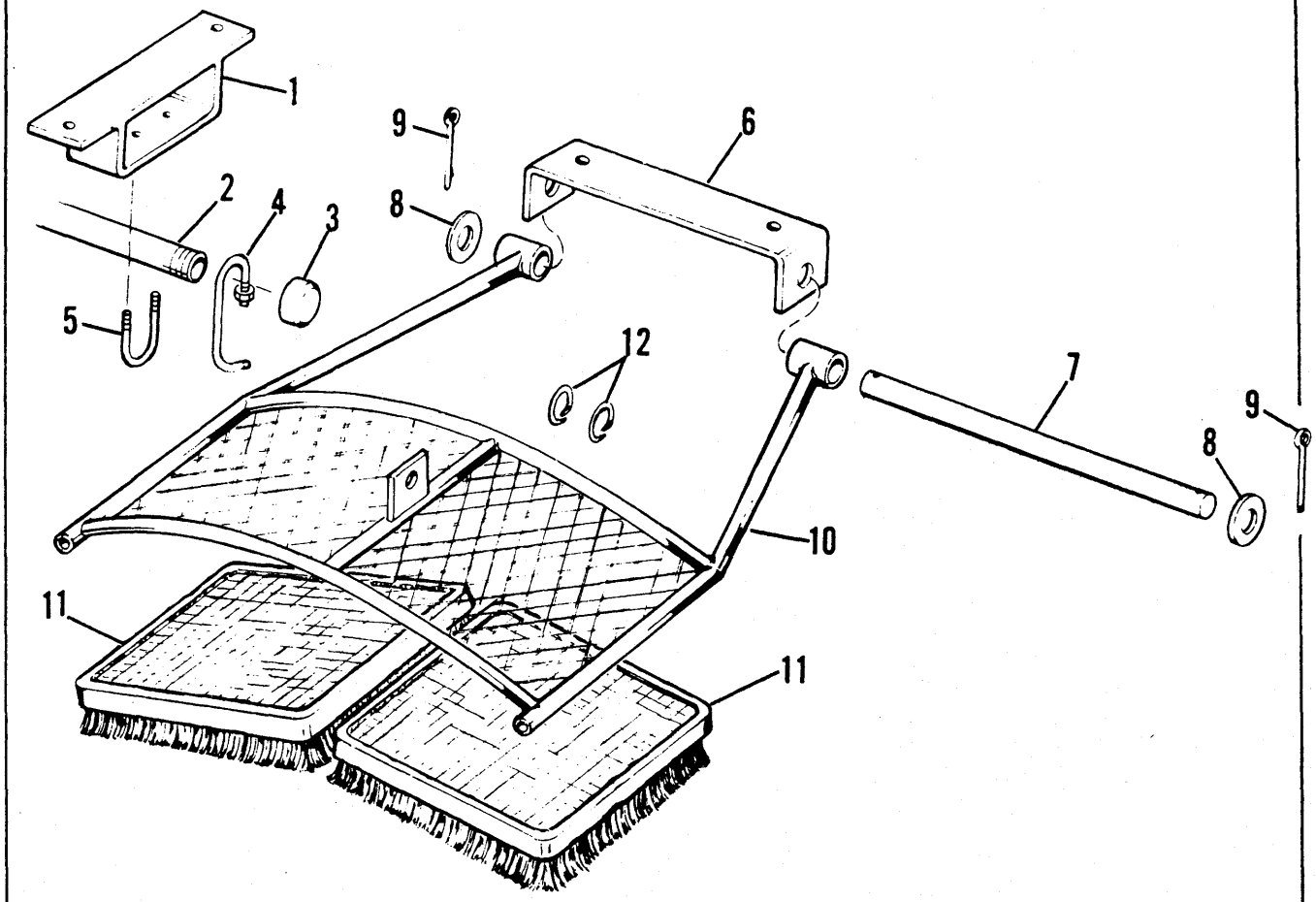
Item No.	Part Number	Description	No. Req'd.
1	502-6221-80	Water Tank – 2 Compartment, L.H. side – 50 gal., R.H. side – 100 gal. capacity	1
	- - - - -	Cap Screw ⅝" x 2" w/Locknut	6
2	102-3990-1	Cover	2
3	102-4643-1	Gasket – Vertical	4
4	102-4643-2	Gasket – Horizontal	4
5	102-3965-1	Guard – Glass	2
6	502-2766-80	Extension Fitting – Tube	2
7	102-8792-1	Glass Tube	2
8	X-551	Brass Gauge Cock for ⅝" Dia. Tube w/Petcock for Drain	2
	X-551-A	Rubber Washer	2
	X-551-B	Brass Washer	2
	X-551-C	Handle w/Mounting Screw	2
9	102-8325-1	Isolator – Tube	4
10	X-8063	Rubber Grommet	2
11	- - - - -	Pipe Coupling ½"	2
12	298-158-53	Filter #200 Mesh Monel C.O. Jelliff Mfg. Co. #J10-170-200-1" N.P.T.F.	2
13	- - - - -	Reducing Bushing 1" x ⅜" Galv.	2
14	- - - - -	Pipe Tee ⅜"	3
15	- - - - -	Pipe Nipple ⅜" x 2" T.B.E.	2
16	- - - - -	Pipe Cap ⅜"	2
17	- - - - -	Pipe Nipple ⅜" x 1½" T.O.E.	9
18	102-8224-14	Hose ⅝" x 2"	2
19	298-9048-86	Hose Clamp	12
20	298-8121-86	Coupling w/Washer	2
21	102-6440-1	Pump – Jabsco (See Sep. Illus.)	2
22	102-8899-1	V-Belt for Pump	4
23	102-8224-3	Hose, ⅝" I.D. x 65"	1
24	- - - - -	Reducing Ell ¾" to ⅜"	2
25	- - - - -	Pipe Nipple ¾" x 2¾" T.B.E. Galv.	1
26	- - - - -	Pipe Tee ¾"	1
27	102-3966-1	Front Spray Bar ¾"	2
28	- - - - -	Pipe Cap ¾"	2
29	102-6438-1	Nozzle – Spray Bar	18
30	- - - - -	Street Ell ⅜"	2
31	102-8224-5	Hose ⅝" I.D. x 74"	1
32	102-8718-1	Bracket for Tee	1
33	102-8224-2	Hose ⅝" I.D. x 38"	2
34	- - - - -	Reducing Coupling ¾" x ⅜"	2
35	102-3967-1	Spray Bar – Tires	2
36	- - - - -	Pipe Cap ¾"	2
37	298-1000-4	U-Bolt	6
38	502-8021-80	Support for Spray Bar	4
39	- - - - -	Carriage Bolt ⅜" x 1" w/Locknut	8
40	502-2799-80	Filler Cap – Tank	2
41	502-4661-80	Spray Bar Hood (See Sep. Illus.)	1

REX CHAINBELT INC.
PRINTED IN U.S.A.
Specify Quantity, Part Number and Description When Ordering
REX



WIPER MATS FOR ROLL
AND SPRAY BAR

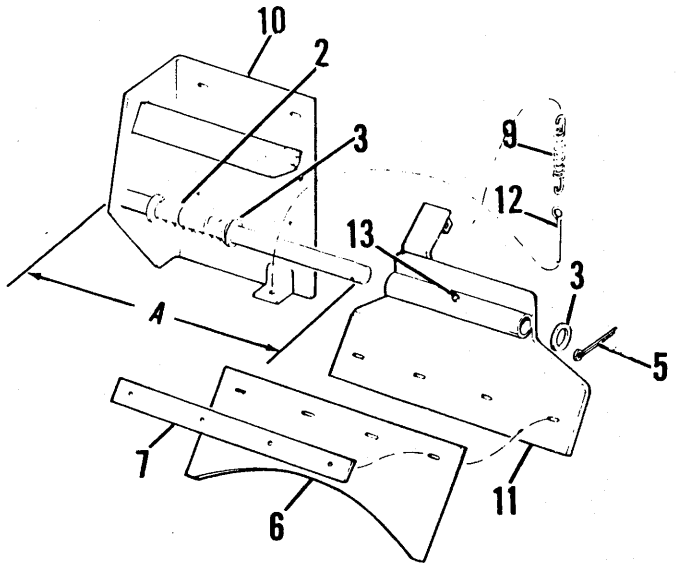
Item No.	Part Number	Description	No. Req'd.
1	502-6192-80	Water Tank	1
2	102-8725-1	Spray Pipe ¾" x 40½" Galvanized	2
3	- - - - -	Pipe Cap ¾"	2
4	- - - - -	Pipe Tee ¾" x ¾" x ¾"	1
5	102-8724-1	Hanger – Spray Bar	4
	- - - - -	Cap Screw ¼" x 1" H.C. – H.T.	8
6	298-1000-4	U-Bolt w/L.W. & Nut	4
7	- - - - -	Cap Screw ⅜" x ½" w/L.W. & Locknut	6
8	502-4661-80	Hood with Brackets	1
9	102-3329-1	REX Nameplate	1
	- - - - -	Cap Screw ¼" x ½" w/L.W.	2
10	298-15-97	Washer 17/32" I.D.	4
11	102-8723-1	Hood Latch	1
12	- - - - -	Cotter Pin ⅛" x 1"	7
13	502-206-80	Latch Bracket	2
	- - - - -	Cap Screw ½" x 1" w/L.W. & Nut	4
14	57186	Pin	5
15	502-4662-80	Mat Frame – Wiper	1
16	102-2669-1	Cocoa Mat	2
17	298-123-47	Hog Ring (Use as Req'd.)	42



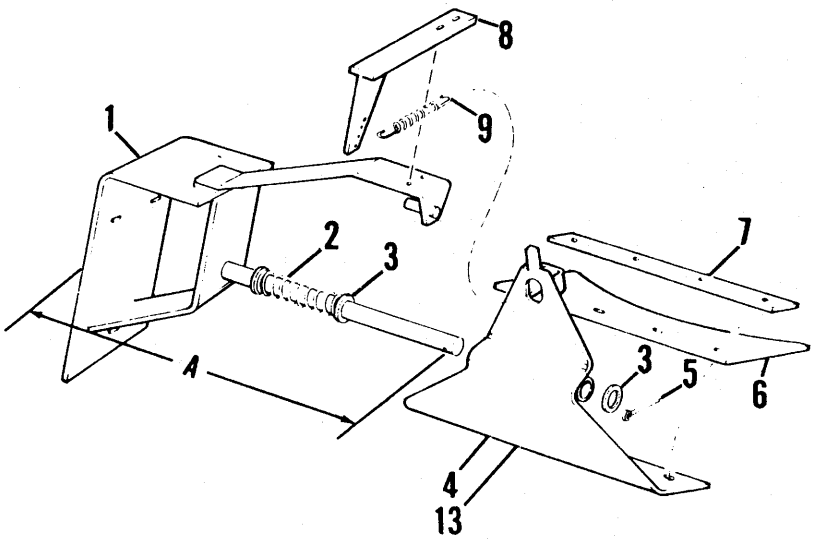
COCOA MATS FOR TIRES – ASPHALT OPTION

Item No.	Part Number	Description	No. Req'd.
1	*502-8021-80	Spray Bar Bracket	4
	* - - - - -	Cap Screw ½" x 1" w/L.W. & Nut	8
2	*102-8714-1	Spray Pipe ¾" – Tires	2
3	* - - - - -	Pipe Cap ¾"	2
4	102-8713-1	Hook for Frame	2
5	*298-1000-4	U-Bolt	4
6	102-8711-1	Pivot Bracket (R.H. & L.H.)	2
	- - - - -	Carriage Bolt ⅜" x 1¼" w/L.W. & Nut	4
7	102-8712-1	Drilled Rod	2
8	298-15-97	Washer 17/32" I.D.	4
9	- - - - -	Cotter Pin ⅛" x 1"	4
10	502-4652-80	Frame – Wiper Mat (R.H. & L.H.)	4
11	102-1458-1	Cocoa Mats (R.H. & L.H.)	4
12	298-123-47	Hog Rings (Use as Req'd.)	48

* These Items are all part of the Water System, but shown here for reference.



RIGHT HAND – FRONT

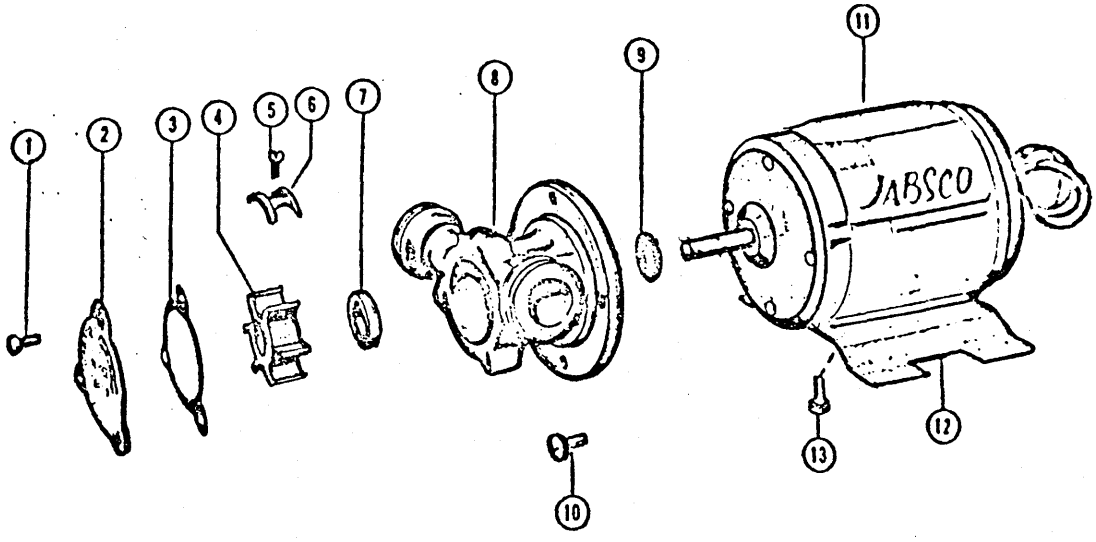


RIGHT HAND – REAR

TIRE SCRAPERS

Item No.	Part Number	Description	No. Req'd.
	502-4650-80	Spacer Bracket (Rear) (R.H. & L.H.) Total width at Dimension "A" is 21¼"	2
1	502-4737-80	Spacer Bracket (Rear) (R.H. & L.H.) Total width at Dimension "A" is 18¼", used on narrow wheel base.	2
	- - - - -	Cap Screw ⅜" x 1½" w/C.W., L.W. & Nut	6
2	203065	Compression Spring (R.H. & L.H.)	4
3	- - - - -	Cut Washer 1"	8
4	502-4649-80	Pivot Bracket (Rear) (R.H. & L.H.)	2
5	- - - - -	Cotter Pin 5/16" x 1½"	4
6	102-8707-1	Scraper Blade	4
	102-8678-1	Scraper Retainer	4
7	- - - - -	Cap Screw ⅜" x 1¾" w/C.W., L.W. & Nut	16
	502-8020-80	Spring Hanger Bracket (R.H. & L.H.)	2
8	- - - - -	Cap Screw ⅜" x 1½" w/C.W., L.W. & Nut	18
9	202344	Tension Spring (R.H. & L.H.)	4
	502-4667-81	Scraper Bracket (Front) (R.H.) As Illus. Total width at Dimension "A" is 17⅝"	1
	502-4736-81	Scraper Bracket (Front) (R.H.) As Illus. Total width at Dimension "A" is 14⅝". Used on narrow wheel base.	1
10	502-4667-80	Scraper Bracket (Front) (L.H.) Opposite of Illustration. Total width at Dimension "A" is 17⅝"	1
	502-4736-80	Scraper Bracket (Front) (L.H.) Opposite of Illustration. Total width at Dimension "A" is 14⅝". Used on narrow wheel base.	1
	- - - - -	Cap Screw ⅜" x 1½" w/C.W., L.W. & Nut	8
11	502-4666-81	Pivot Bracket (Front) (R.H.) (As Illus.)	1
	502-4666-80	Pivot Bracket (Front) (L.H.) (Oppos.)	1
12	298-8009-4	Eye Bolt 5/16" w/Jam Nut & Lock Nut (R.H. & L.H.)	2
13	- - - - -	Lube Fitting #1792	2

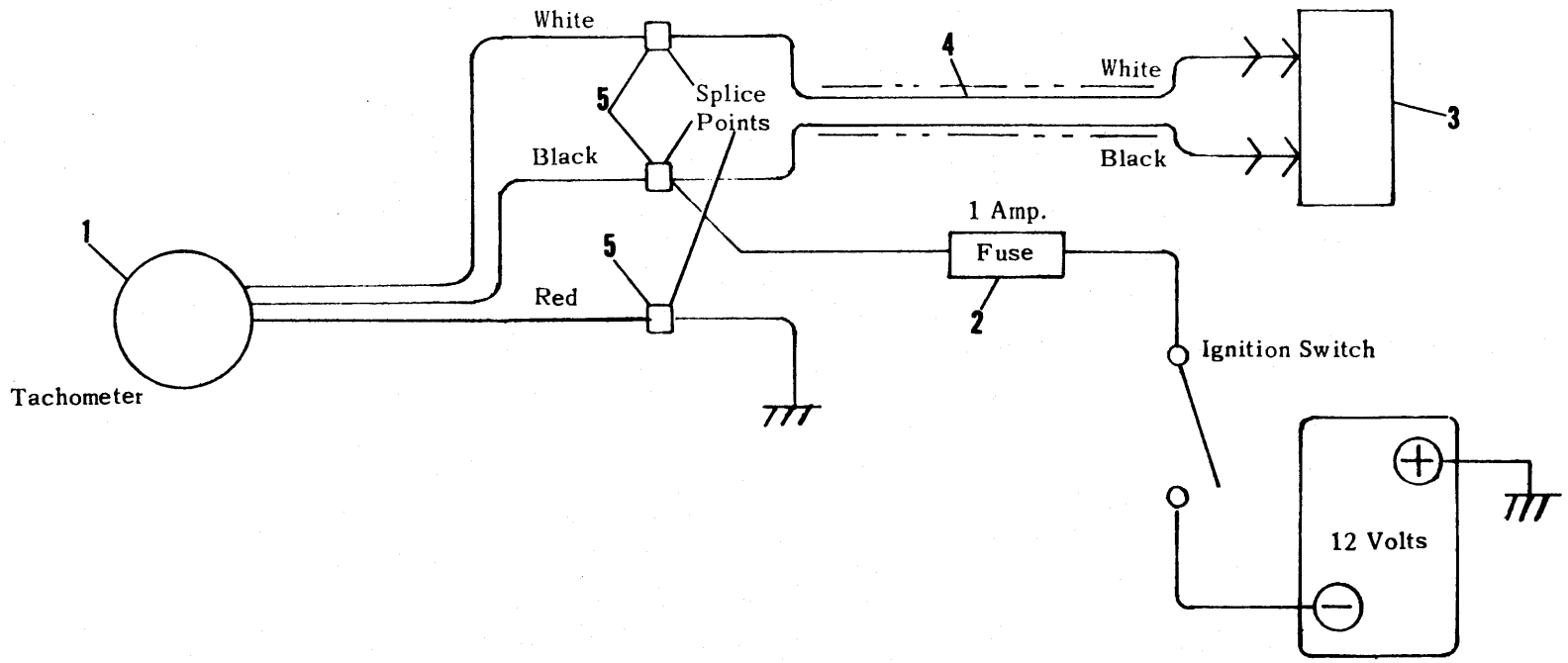
REX Specify Quantity, Part Number and Description When Ordering
Always Give Serial Number of Machine
REX CHAINBELT INC
PRINTED IN U.S.A.



WATER PUMP
JABSCO – "MINI-PUPPY" #8860
12 VOLT D.C.
REX PART NO. 102-6440-1

Item No.	Part Number	Description	No. Req'd.
1	102-6440-11	Screw (*SP1002-09)	3
2	102-6440-12	End Cover – Mod. 8860 (*8865)	1
3	102-6440-13	Gasket (*7828)	1
4	102-6440-14	Impeller (*1414-37)	1
5	102-6440-15	Screw – Cam (*SP1002-01)	1
6	102-6440-16	Cam (*8089)	1
7	102-6440-17	Seal (*SP3000-10)	1
8	102-6440-18	Body (*7824)	1
9	102-6440-19	Slinger (*6342)	1
10	102-6440-20	Screw (Body to Motor) (*SP8019-02)	2
11	102-6440-21	Motor – Mod. 8860 (*SP8012-02)	1
12	102-6440-22	Service Kit – Consists of Impeller, Seal, Gasket and 31 End Cover Screws (*8860-SK92)	1

*Part numbers are Jabsco – Costa Mesa, California part numbers.

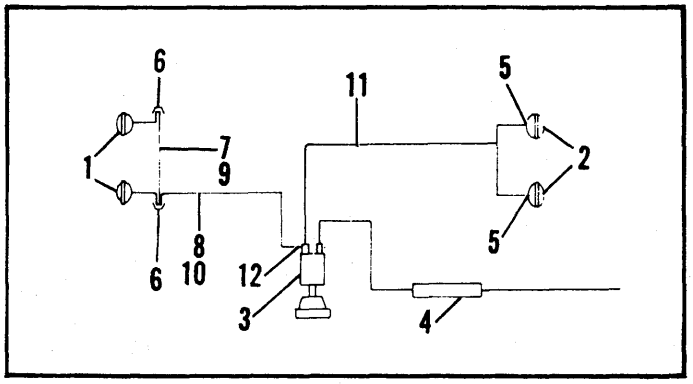


POSITIVE GROUND SYSTEM

WIRING FOR FREQUENCY METER

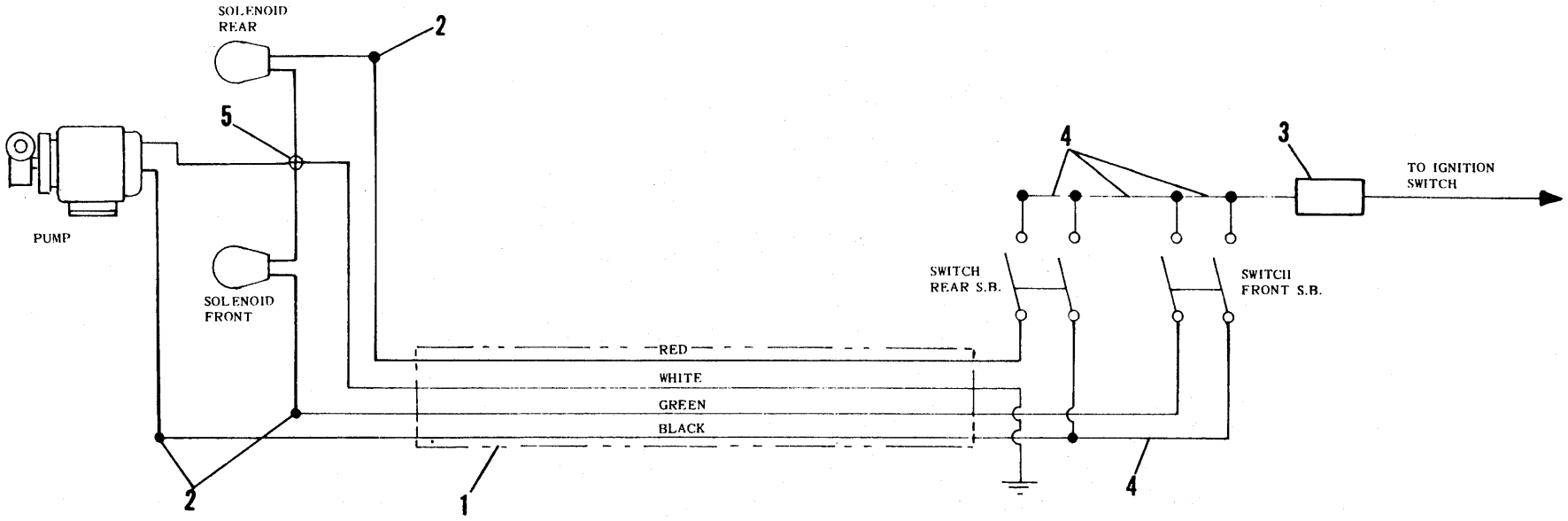
Item No.	Part Number	Description	No. Req'd.
1	102-8743-1	Frequency Meter, also shown on Page 33.	1
2	602-34-1	Fuse & Holder – 1 Amp	1
3	298-103-17	Magnetic Pick-up	1
4	502-205-80	Cord Assy.	1
5	298-86-17	Connectors	4

REX CHAINBELT INC
PRINTED IN U.S.A.



WIRING DIAGRAM
LIGHTING UNIT

Item No.	Part Number	Description	No. Req'd.
1	298-12015-17	Front Lamp Assy. (GMC #910900)	2
2	298-12014-17	Rear Lamp Assy. (GMC #923-40)	2
3	298-6019-17	Switch – Two Position	1
4	502-173-80	Wire Assembly & Fuse	1
5	298-5526-68	Grommet – ½" I.D.	2
6	298-53-17	Wire Nut #74B	2
7	- - - - -	Wire (#12 Gauge – Automotive x 2' 6" long) Black	1
8	- - - - -	Wire (#12 Gauge – Automotive x 1' long) Black	1
9	- - - - -	Electric Loom ¼" I.D. x 2' 2" long	2
10	- - - - -	Electric Loom ¼" I.D. x 10" long	1
11	102-3821-1	Wire Set	1
12	298-26010-17	Terminal Wire	1
13	298-57-47	Clip – Coated (Not Illustrated)	3



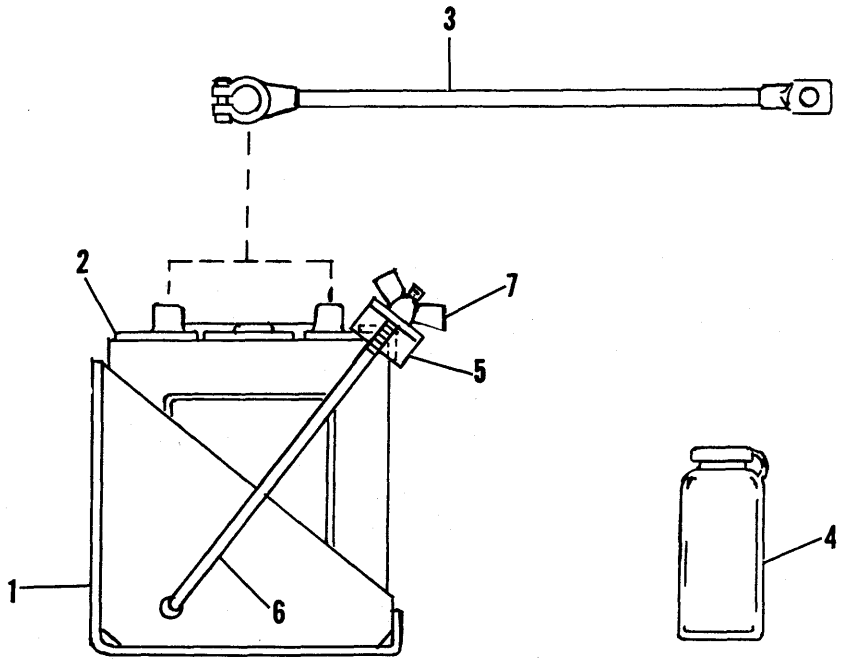
WIRING DIAGRAM FOR SPRAY BAR, PUMP & SOLENOID

Item No.	Part Number	Description	No. Req'd.
1	502-8039-80	Cable 8 ft. long. Has 4 wires w/eyelets on one end – other end plain	1
2	298-86-17	Connectors	3
3	298-12023-17	Fuse Holder	1
	X8187	Terminal Wire	2
	- - - - -	14 Ga. Wire 6" long	1
	298-5546-68	Rubber Sleeve	1
	298-12059-17	Fuse – 10 Amp	1
	298-85-17	Solderless Terminal	1
4	502-207-80	Jumper Wire	4
5	298-53-17	Wire Nut	1

WIRE SETS

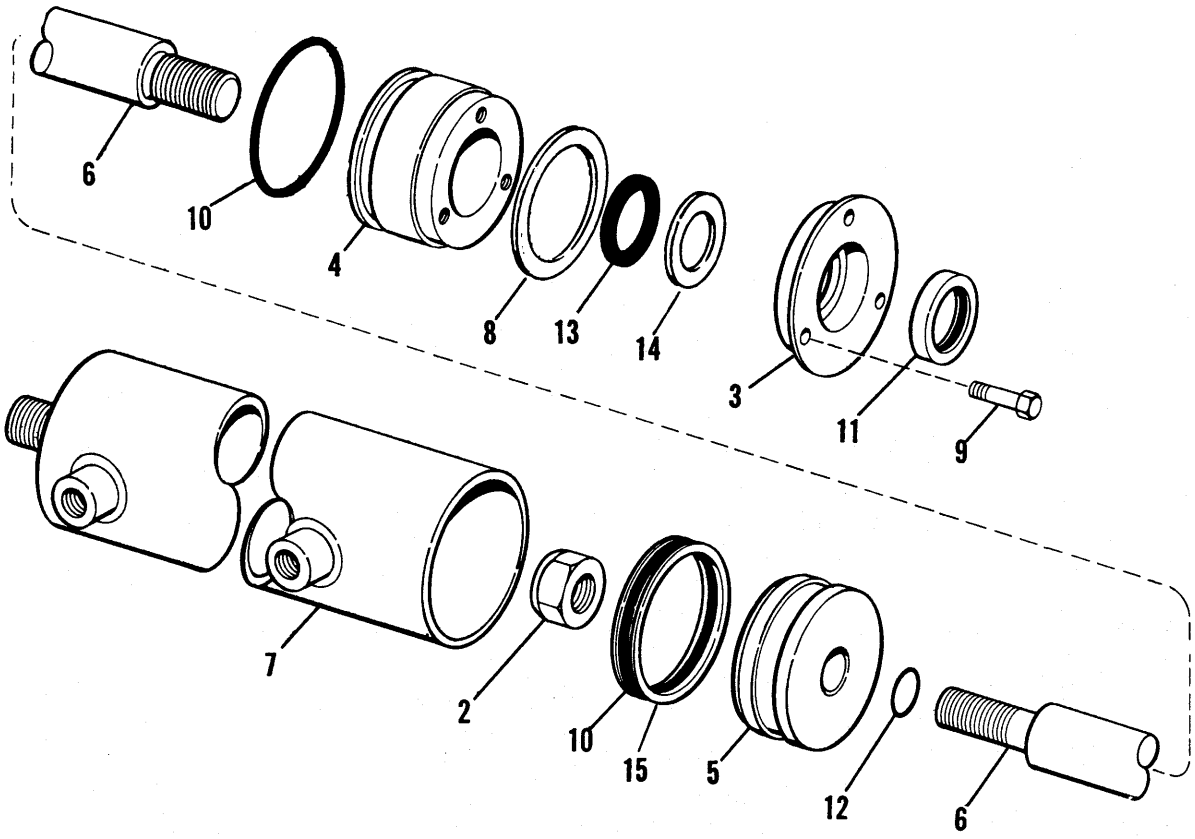
Item No.	Part Number	Description	No. Req'd.
1	102-3710-1	Wire Harness – G.M. 3-53, for Starter Button, Ammeter, Oil Pressure, Temp. Gauge, Key Switch & Fuel Gauge	1
2	102-3711-1	Wire Set – G.M. 3 Wires, 12 Gauge – Generator to Regulator	1

REX
Specify Quantity, Part Number and Description When Ordering
Always Give Serial Number of Machine
REX CHAINBELT INC
PRINTED IN U.S.A.



OPTIONAL COLD WEATHER START BATTERY
MOUNTING AND CABLES
REX SELF-PROPELLED VIBRATORY ROLLER

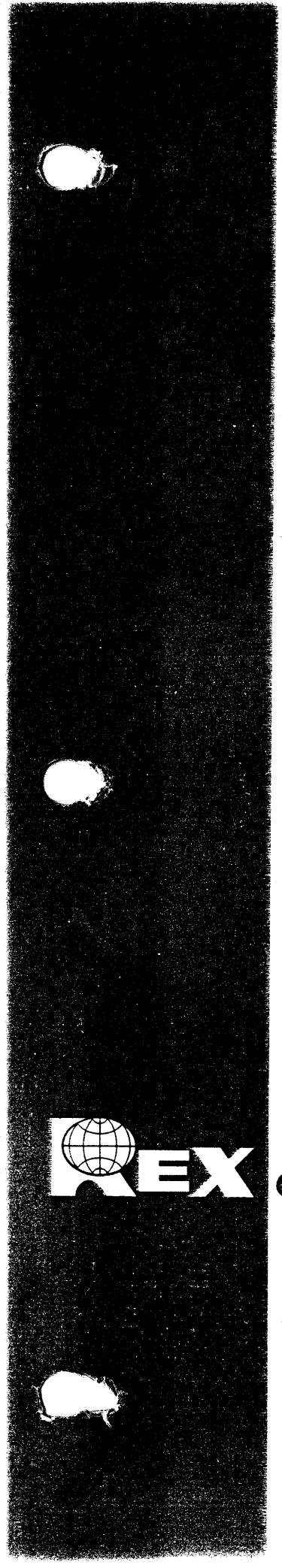
Item No.	Part Number	Description	No. Req'd.
1	502-4579-80	Battery Tray (Please note when this option is used the main frame of roller has been altered per dwg. 602-3072)	1
2	298-3256-17	Battery – Diesel Starting – 12 Volt AABM Group Size – 8D (Delco Model 8DR205, Part No. 761 or Exide, DS-8D7796 or Prestolite Type 8D-A8Y or equal	1
3	102-8383-4	Battery Cable – #00 Ga. x 73" long	1
	102-8383-5	Battery Cable – #00 Ga. x 30" long	1
4	298-3-44	Acid – Electrolytic – 45 oz. Bottle (Military Spec. OS-801A)	1
5	502-2693-80	Clamp – Hold Down – Battery	1
6	102-7766-1	Bolt – Hold Down – Battery	2
7	- - - - -	Wing Nut 3/8" (Can be used)	2
	298-2012-71	Lock Nut 3/8" N.C. (Normally used in place of Wing Nut)	2
	- - - - -	Cut Washer 3/8"	2



STEERING CYLINDER – CROSS
3" BORE x 20" STROKE

Item No.	Part Number	Description	No. Req'd.
-	102-03725-01	Hydraulic Cylinder (*230200 NWF-AA)	1
2	102-03400-11	Nut (*1A0146)	1
3	102-03725-03	Head Cap (*1C1528)	1
4	102-03725-04	Head (*1C1648)	1
5	102-03725-05	Piston (*2C2624)	1
6	102-03725-06	Rod (*1C9679)	1
7	102-03725-07	Tube Assy. (*1C9678)	1
8	102-03725-08	Ret. Ring (*1A0004)	1
9	102-03400-24	Cap Screw (*1A0300)	3
10	102-03725-11	"O" Ring (*1A0003)	2
11	102-03725-13	Seal – Wiper (*1A0019)	1
12	102-03725-14	"O" Ring (*1A0051)	1
13	102-03725-15	"O" Ring (*1A0020)	1
14	102-03725-16	Back-up (*1A0147)	1
15	102-03725-17	Seal Back-up (*1A002)	2
			Mar. '73

*Part Numbers are Cross Manufacturing, Inc.



REX CHAINBELT INC.

PLANTS:

Chicago, Ill.
Dolton, Ill.
Downers Grove, Ill.
Los Angeles, Calif.
Louisville, Ky.
Milwaukee, Wis.
Madison, Ind.
Springfield, Mass.
Warren, Penn.
West Milwaukee, Wis.
Worcester, Mass.
Toronto, Ont., Canada